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FEDERAL COORDINATION

The U.S. Department of Homeland Security (DHS), Office for Domestic Preparedness (ODP) has refined the State Homeland Security Assessment and Strategy (SHSAS) process that was originally established in Fiscal Year (FY) 1999 to assess threats, vulnerabilities, capabilities, and needs related to preparedness for weapons of mass destruction terrorism incidents at the state and local level. The FY 2003 ODP SHSAS process will allow state and local jurisdictions to update their assessment data to reflect post-September 11, 2001, realities, as well as to identify progress on the priorities outlined in their initial homeland security strategies.

As identified in the National Strategy for Homeland Security, the challenge in securing the nation from terrorist attacks is “to develop interconnected and complementary systems that are reinforcing rather than duplicative and that ensure essential requirements are met.” In an effort to be consistent with and support implementation of the National Strategy, ODP coordinated the revision, development, and implementation of the SHSAS with federal agencies, state representatives, and state and local associations. This coordination has ensured that the assessment and strategy process is aligned with and focuses on the six critical mission areas, as defined by the National Strategy. Those critical mission areas include: intelligence and warning, border and transportation security, domestic counterterrorism, protecting critical infrastructure, defending against catastrophic terrorism, and emergency preparedness and response.

Intelligence and Warning: ODP worked directly with the Federal Bureau of Investigation (FBI) to refine the threat assessment component of the SHSAS from the original process developed in FY 1999. The refined threat assessment utilizes the FBI’s numeric system to assess Potential Threat Elements in state and local jurisdictions. Additionally, state and local representatives will be strongly encouraged to work with their local FBI Joint Terrorism Task Forces and WMD Coordinators to reinforce and align threat assessment efforts as they implement the SHSAS. The FBI also provided support to ODP by reviewing the assessment tool and offering guidance on the roll-out of the SHSAS to state and local jurisdictions.

Border and Transportation Security: ODP coordinated with the Transportation Security Administration (TSA) to revise, develop, and implement the SHSAS in an effort to ensure accountability in border and transportation security. TSA reviewed assessment materials to provide information on areas of potential overlap with other federal programs and identified areas of the SHSAS that will be leveraged to support existing TSA data collection needs.

Domestic Counterterrorism: The Nation’s emergency response agencies will be directly involved in the assessment and strategy process. To complete the threat, vulnerability, and needs assessment components of the SHSAS, state and local jurisdictions will form working groups that include federal, state, and local emergency response authorities. These authorities are critical in the effort to prevent and interdict terrorist activity within the United States.

Protecting Critical Infrastructure and Key Assets: To align the goals of the assessment process with the initiatives outlined in the National Strategy, the Information Analysis and Infrastructure Protection (IAIP) Directorate of the U.S. Department of Homeland Security will be involved in the implementation of the revised SHSAS. Additionally, the IAIP will utilize the data generated from the vulnerability assessment component of the assessment process to assist in the implementation of homeland security measures.

The U.S. Department of Agriculture (USDA) also provided support to ODP during the development of the assessment tool to coordinate and ensure the protection of the agricultural sector’s critical infrastructure.

The USDA reviewed the assessment and strategy template and offered guidance on the roll-out of the SHSAS to state and local jurisdictions. Collaboration with the USDA resulted in the addition of an optional agricultural assessment, a component that allows state and local jurisdictions to address potential agricultural targets, and to determine current agricultural terrorism response capabilities and needs.

To strengthen the protection of the Nation's public health sector's infrastructure, and to ensure that the needs of the public health discipline are met, ODP also coordinated with the Centers for Disease Control and Prevention (CDC) on the development of the assessment process. CDC reviewed the assessment and strategy template and offered guidance on the roll-out of the SHSAS to state and local jurisdictions. The refined SHSAS marks a major national effort to collect public health preparedness information as a component of a comprehensive homeland security program.

Defending Against Catastrophic Threats: Through the development of the state strategies, the SHSAS will help fulfill the initiatives identified by the National Strategy in this area. Working with state and local representatives from all emergency responder disciplines, each state will develop a homeland security strategy that focuses on new approaches, organization, and procedures for preventing terrorist use of nuclear weapons, detecting chemical and biological materials and attacks, and improving response capabilities. The states may use the "Statewide Template Initiative" developed by the President's Homeland Security Advisory Council in coordination with the threat, risk, and needs assessment data from the SHSAS as a basis for developing their strategies and creating integrated homeland security plans.

Emergency Preparedness and Response: ODP coordinated with the Federal Emergency Management Agency (FEMA) to develop the FY 2003 SHSAS process and to ensure that all necessary response assets can be brought together quickly and effectively. FEMA representatives attended multiple review sessions and meetings to review the assessment and strategy template and offer guidance on the roll-out of the SHSAS to state and local jurisdictions. Working with FEMA representatives has and will continue to assist in consolidating federal response plans and building a national system for incident management in cooperation with state and local governments.

Other federal partners and professional associations that are involved in the revision, development, and implementation of the FY 2003 SHSAS process include the Environmental Protection Agency (EPA), the National Governors' Association (NGA), the National Association of Counties (NACo), the National Association of City and County Health Officials (NACCHO), and the Association of State and Territorial Health Officials (ASTHO). These partners reviewed assessment materials, provided information on areas of potential overlap with other programs, and enabled continuous information sharing across all disciplines.

As a result of ODP's coordination and working relationships with federal agencies, state representatives, and state and local professional associations, the State Homeland Security Assessment and Strategy process will allow the federal government to obtain vital information on the capabilities and needs of emergency responders on a national scale. The refined process will also serve as a planning tool for state and local jurisdictions, and will assist ODP and its partners in better allocating federal resources for homeland security.

A P P E N D I X

A

THREAT WORKING GROUP

This worksheet should be completed in conjunction with Section 2: “Threat Assessment—Working Group ” on page 12 of the Jurisdiction Handbook

- Step 1** List the state and jurisdiction where the threat assessment is taking place.
- Step 2** Document the coordinating agency conducting the threat assessment and population for the jurisdiction.
- Step 3** Document the name, a contact number, agency, and e-mail address for the point of contact.
- Step 4** Document the agency name of all threat assessment working group members.
- Step 5** Document the FBI field office or resident agency that serves the jurisdiction as well as the joint terrorism task force, if applicable.

THREAT WORKING GROUP

State:			
Jurisdiction of the Threat Assessment Working Group			
Population of Jurisdiction			
Coordinating Agency	<input type="checkbox"/> County Sheriff/Police	<input type="checkbox"/> State Police/Patrol	
	<input type="checkbox"/> City Police	<input type="checkbox"/> Other	
Point of Contact (POC) for the Threat Assessment Working Group			
Name of POC:		Agency of POC:	
POC Telephone Number:		POC E-mail Address:	
List all Agencies Represented within the Threat Assessment Working Group (i.e. City Police, county Sheriff, Local FBI, Local Task Force)			
What FBI Field Office or resident agency serves your jurisdiction?			
Does your jurisdiction participate in a Joint Terrorism Task Force?			<input type="checkbox"/> Yes <input type="checkbox"/> No

JURISDICTION THREAT WORKSHEET

This worksheet should be completed in conjunction with Section 2: “Threat Assessment—Identify PTE” on page 15 of the Jurisdiction Handbook.

- Step 1** Evaluate each Threat Factor (see the Reference Handbook, Appendix B, "Joint Terrorism Task Force (JTTF) Contact Information," on page 6) (Existence, Capability, Intentions, History, and Targeting) attributable to each PTE identified in your jurisdiction. For each PTE, identify the applicable threat factor(s) and record the corresponding numerical value in the appropriate threat factor column to the right of the PTE on the Jurisdiction Threat Worksheet. The corresponding point values are listed under each threat factor at the top of the Jurisdiction Threat Worksheet. The threat assessment working group should consider factors where information concerning the PTE has satisfied the definitional standards of that threat factor. If the intelligence information does not meet those standards, then the respective threat factor cannot be justified to exist and must be left blank.



Note

(Note, even if a threat factor cannot be justified, a jurisdiction can never have a threat level of “0” because an unpredictable transient threat will always exist.)

- Step 2** Add the corresponding point values of each threat factor whose standard has been met, and insert the value in the “Threat Level” column for each PTE. Threat levels may range from one to ten.
- Step 3** If one or more Motivators (see the Reference Handbook, Appendix B, "Potential Targets," on page 10) are established for a PTE, list the particular motivator(s) associated with the corresponding PTE under the “Motivation” column in the Jurisdiction Threat Worksheet.
- Step 4** For each PTE assessed to have the capability to produce or develop a WMD, identify the particular type(s) of WMD. List these WMD types in the far right column of the Jurisdiction Threat Worksheet. List only those capabilities that have been substantiated. The mere threat to utilize a WMD of a certain type, or an assertion that the capability exists, is not sufficient.

Jurisdiction Threat Worksheet								
Threat Factors						Threat Level (1-10)	Motivation	WMD Categories
PTE	Existence (1)	Violent History (1)	Intentions (2)	WMD Capability (2)	Targeting (4)		Choose one or more P=Political R=Religious E=Environmental Ra=Racial S=Special Interest	Choose one or more C=Chemical B=Biological R=Radiological N=Nuclear E=Explosive
1.								
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								
11.								
12.								
13.								
14.								
15.								

JURISDICTION THREAT PROFILE

This worksheet should be completed in conjunction with Section 2: “Threat Assessment—Jurisdiction Threat Profile” on page 18 of the Jurisdiction Handbook.

- Step 1** List the total number of PTE assessed in your jurisdiction. If the jurisdiction reports no known PTE a rating of zero should be recorded here.
- Step 2** Designate the types of WMD capabilities assessed to exist in the jurisdiction. If the jurisdiction reports no known PTE check “None.”
- Step 3** List the number of threat-related and/or incidents, by WMD category, which occurred in your jurisdiction from January 1, 2000 to December 31, 2002, which resulted in the activation of emergency response assets.
- Step 4** List the number of incidents (derived from “Step 3”) that were subsequently determined to be criminal.
- Step 5** Select the highest threat level obtained among the PTE identified within your jurisdiction. This number represents your jurisdiction's threat rating.

JURISDICTION THREAT PROFILE

Total Number of PTEs	
----------------------	--

PTE WMD Capabilities	
<input type="checkbox"/> None	<input type="checkbox"/> Radiological
<input type="checkbox"/> Chemical	<input type="checkbox"/> Nuclear
<input type="checkbox"/> Biological	<input type="checkbox"/> Explosive

Threatened WMD Hazard	Total Number of Responses to Suspected WMD Threats and/or Incidents	Number of WMD Threats and/or Incidents Determined to be Criminal
Chemical		
Biological		
Radiological		
Nuclear		
Explosive		

Jurisdiction Threat Rating	
----------------------------	--

POTENTIAL TARGETS

This worksheet should be completed in conjunction with Section 2: “Basic Vulnerability Assessment—Potential Targets” on page 21 of the Jurisdiction Handbook.

The Vulnerability Working Group should now compile a list of the critical infrastructure facilities, sites, systems, or special events that are present or take place within the jurisdiction.

A sample of Potential Targets (see the Reference Handbook, Appendix B, "Potential Targets," on page 10) may be useful in compiling this list. A facility, site, system, or special event should meet the following criteria:

A facility, site, system, or venue within the jurisdiction that, in the wake of a WMD terrorism incident, would result in any or all of the following:

1. Large number of deaths and injuries.
2. Extensive damage or destruction of facilities that provide or sustain human needs, i.e., power sources, food distribution sites, and essential public services.
3. Long-term catastrophic consequences to the general economic well being of the community.

INDIVIDUAL TARGET BASIC VULNERABILITY SUMMARY

Site/Target	Potential Target Name	Individual Target Basic Vulnerability Rating
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

BASIC VULNERABILITY ASSESSMENT

This worksheet should be completed in conjunction with Section 2: “Basic Vulnerability Assessment—Worksheets” on page 21 of the Jurisdiction Handbook.

- Step 1** This factor assesses the awareness of existence and visibility of the target to the general public. Select the rating value that most closely represents the facility, infrastructure, event, etc. regarding this factor.
- Step 2** This factor assesses the usefulness of the asset to the local population, economy, government, etc., and importance to the continuity of the jurisdiction. Select the rating value that most closely represents the facility, infrastructure, event, etc. regarding this factor.
- Step 3** Determine the impact of loss of this potential target and the impact it would have outside of the jurisdiction. Select the rating value that most closely represents the facility, infrastructure, event, etc. regarding this factor.
- Step 4** Determine the access available to any PTE that may desire entry into the target. This factor assesses the availability of the target for ingress and egress by a PTE. Select the rating value that most closely represents the facility, infrastructure, event, etc. regarding this factor.
- Step 5** This factor assesses the presence of legal WMD material (CBRNE) in quantities that could be the target of a terrorist attack or complicate the response to an incident at that facility. Select the rating value that most closely represents the facility, infrastructure, event, etc. regarding this factor.
- Step 6** This factor assesses the maximum number of individuals at a site at any given time. Select the rating value that most closely represents the facility, infrastructure, event, etc. regarding this factor.
- Step 7** This factor assesses potential collateral mass casualties within a one-mile radius of the target site. Select the rating value that most closely represents the facility, infrastructure, event, etc. regarding this factor.
- Step 8** Record all factor scores for this target and perform a summary total.
- Step 9** Apply the vulnerability summary total to the target vulnerability assessment rating key. Determine the range the summary total falls within and record the final vulnerability rating score for each target.
- Step 10** Document a vulnerability rating for each potential target assessed.

BASIC VULNERABILITY ASSESSMENT WORKSHEET

Target Name or Number:	Total Score Rating:												
Duplicate this form and use one for each potential target.													
1. Level of Visibility: Assess the awareness of the existence and visibility of the target to the general public. 0=Invisible: Existence secret/Classified location 1=Very Low Visibility: Existence not publicized 2=Low Visibility: Existence public but not well known 3=Medium Visibility: Existence known locally 4=High Visibility: Existence known regionally 5=Very High Visibility: Existence known nationally	Value												
2. Criticality of Target Site to Jurisdiction: Assess usefulness of assets to local population, economy, government, etc. Potential targets deemed essential to the continuity of the jurisdiction. 0 = No usefulness 2 = Moderate usefulness 4 = Highly useful 1 = Minor usefulness 3 = Significant usefulness 5 = Critical													
3. Impact Outside the Jurisdiction: Assess the affect loss will have outside of the jurisdiction. 0 = None 2 = Low 4 = High 1 = Very Low 3 = Medium 5 = Very High													
4. PTE Access to Target: Assess the availability of the target for ingress and egress by a PTE. 0 = Restricted: Security patrol 24/7, fenced, alarmed, CCTV, controlled access requiring prior clearance, designated parking, no unauthorized vehicle parking within 300 feet of facility, protected air/consumable entry. 1 = Controlled: Security patrol 24/7, fenced, alarmed, controlled access of vehicles and personnel, designated parking, no unauthorized vehicle parking within 300 feet of facility, protected air/consumable entry. 2 = Limited: Security guard at main entrance during business hours, fenced, alarmed, controlled access of visitors, designated parking, no unauthorized vehicles parking within 300 feet of facility, protected air/consumable entry. 3 = Moderate: Controlled access of visitors, alarmed after business hours, protected air/consumable entry, designated parking, no unauthorized vehicle parking within 50 feet. 4 = Open: Open access during business hours, locked during non-business hours, unprotected air/consumable entry. 5 = Unlimited: Open access, unprotected air/consumable entry													
5. Potential Target Threat of Hazard: Assess the presence of legal WMD material (CBRNE) in quantities that could be the target of a terrorist attack or would complicate the response to an incident at that facility. 0 = None: No WMD materials present 1 = Minimal: WMD materials present in moderate quantities, under positive control, and in secured locations. 2 = Low: WMD materials present in moderate quantities and controlled. 3 = Moderate: Major concentrations of WMD materials that have established control features and are secured in the site. 4 = High: Major concentrations of WMD materials that have moderate control features. 5 = Very High: Major concentrations of WMD materials that are accessible to non-staff personnel.													
6. Potential Target Site Population Capacity: Assess the maximum number of individuals at a site at any given time. 0 = 0 2 = 251-5000 4 = 15,001-50,000 1 = 1-250 3 = 5,001-15,000 5 = >50,001													
7. Potential for Collateral Mass Casualties: Assess potential collateral mass casualties within a one-mile radius of the target site. 0 = 0-100 2 = 251-5000 4 = 15,001-50,000 1 = 101-250 3 = 5,001-15,000 5 = >50,001													
TOTAL													
Basic Target Vulnerability Assessment Rating: Convert total score to a rating number from 1-12 using the following key. Transfer final rating to top right hand box in this form. <table border="0"> <tr> <td>0 - 2 pts. = 1</td> <td>9-11 pts. = 4</td> <td>18-20 pts. = 7</td> <td>27-29 pts. = 10</td> </tr> <tr> <td>3 - 5 pts. = 2</td> <td>12-14 pts. = 5</td> <td>21-23 pts. = 8</td> <td>30-32 pts. = 11</td> </tr> <tr> <td>6 - 8 pts. = 3</td> <td>15-17 pts. = 6</td> <td>24-26 pts. = 9</td> <td>33-35 pts. = 12</td> </tr> </table>		0 - 2 pts. = 1	9-11 pts. = 4	18-20 pts. = 7	27-29 pts. = 10	3 - 5 pts. = 2	12-14 pts. = 5	21-23 pts. = 8	30-32 pts. = 11	6 - 8 pts. = 3	15-17 pts. = 6	24-26 pts. = 9	33-35 pts. = 12
0 - 2 pts. = 1	9-11 pts. = 4	18-20 pts. = 7	27-29 pts. = 10										
3 - 5 pts. = 2	12-14 pts. = 5	21-23 pts. = 8	30-32 pts. = 11										
6 - 8 pts. = 3	15-17 pts. = 6	24-26 pts. = 9	33-35 pts. = 12										

FINAL RATING

This worksheet should be completed in conjunction with Section 2: “Basic Vulnerability Assessment—Final Rating” on page 24 of the Jurisdiction Handbook.

Once the jurisdiction has assessed all desired potential targets deemed critical and performed a basic vulnerability assessment on each, the highest basic vulnerability rating listed among the potential targets will serve as the final jurisdiction vulnerability rating.

The jurisdiction should record both the raw numerical score as well as the basic vulnerability rating for the jurisdiction.

Jurisdiction Vulnerability Rating			
Basic Vulnerability Raw Summary Score (Highest target score)		Basic Vulnerability Rating	

LEGAL HAZARDOUS SITES

This worksheet should be completed in conjunction with Section 2: “Basic Vulnerability Assessment—Final Rating” on page 24 of the Jurisdiction Handbook.

Use the following general site definitions of each legal hazard to guide the jurisdiction working group through the designation process of these facilities. Record the number of these facilities for each CBRNE category.

Chemical: Tier level II substances listed in Reference Handbook Section A of 40 CFR Part 355 that is present at a facility in an amount in excess of its threshold planning quality, any “hazardous substance” listed in 40 C.F.R Section 302.4 that is present at a facility in an amount in excess of its reportable quantity or in excess of its threshold planning quantity if it is also an “extremely hazardous substance”, and any petroleum including crude oil or any fraction thereof that is present at a facility in an amount exceeding 100 pounds unless it is specifically listed as a “hazardous substance” or an “extremely hazardous substance.”

Biological: Any individual or government agency, university, corporation, company, partnership, society, association, firm, or other legal entity located at a single geographic site that may transfer or receive through any means a select agent listed in Reference Handbook Section A of 42 CFR Part 72; Viruses, Bacteria, Rickettsiae, Fungi, Toxins.

Radiological/Nuclear: (*Irradiators*), a facility that uses radioactive sealed sources for the irradiation of objects or materials and in which radiation dose rates exceeding 5 grays (500 rads) per hour exist at 1 meter from the sealed radioactive sources in air or water, as applicable for the irradiator type, but does not include irradiators in which both the sealed source and the area subject to irradiation are contained within a device and are not accessible to personnel.

(*Production and utilization facilities*), (1) Any nuclear reactor designed or used primarily for the formation of plutonium or uranium - 233; or (2) Any facility designed or used for the separation of the isotopes of plutonium, except laboratory scale facilities designed or used for experimental or analytical purposes only; or (3) Any facility designed or used for the processing of irradiated materials containing special nuclear material, except (i) laboratory scale facilities designed or used for experimental or analytical purposes, (ii) facilities in which the only special nuclear materials contained in the irradiated material to be processed are uranium enriched in the isotope U - 235 and plutonium produced by the irradiation, if the material processed contains not more than 106 grams of plutonium per gram of U - 235 and has fission product activity not in excess of 0.25 millicuries of fission products per gram of U - 235, and (iii) facilities in which processing is conducted pursuant to a license issued under parts 30 and 70 of this chapter, or equivalent regulations of an Agreement State, for the receipt, possession, use, and transfer of irradiated special nuclear material, which authorizes the processing of the irradiated material on a batch basis for the separation of selected fission products and limits the process batch to not more than 100 grams of uranium enriched in the isotope 235 and not more than 15 grams of any other special nuclear material.

(*Special nuclear material*), (1) plutonium, uranium-233, uranium enriched in the isotope-233 or in the isotope-235, and any other material which the Commission, pursuant to the provisions of section 51 of the act, determines to be special nuclear material, but does not include source material; or (2) any material artificially enriched by any of the foregoing, but does not include source material.

Explosive: Sites that manufacture, produce, or store in reportable quantities explosive materials as delineated in Title 18, USC and 27 CFR 55;

Legal (CBRNE) Hazards	Number of hazardous sites located in jurisdiction
Chemical (<i>Tier II</i>)	
Biological (<i>Infectious Only</i>)	
Radiological	
Nuclear	
Explosive	

SITE-SPECIFIC VULNERABILITY SURVEY

This worksheet should be completed in conjunction with Section 2: “Site-specific Vulnerability Assessment Survey” on page 27 of the Jurisdiction Handbook.

ODP is identifying critical elements of the site-specific, in-depth vulnerability assessments. Throughout the process in FY 2003, ODP will provide information about what tools exist commercially, a common vocabulary including standard meanings for terms such as “risks,” “vulnerability,” “threat,” etc., and information about the performance of emerging technologies being used to reduce vulnerabilities. For ODP to estimate the extent to which this information and services will be requested, please answer the following questions:

Site-Specific Vulnerability Survey	
How many site-specific, in-depth vulnerability assessments will your jurisdiction conduct on the 10 most vulnerable high threat targets that were identified in your jurisdiction?	
Would you like information and/or assistance from ODP on the following:	
Identification of vulnerability assessment tools (software, checklists, etc.)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Names/numbers of persons to contact who have undergone site-specific vulnerability assessments?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Help with actual execution of site-specific vulnerability assessments?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Training opportunities for people in your jurisdiction regarding how to conduct site-specific vulnerability assessments and how to conduct courses on training others?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:	

PLANNING FACTORS

This worksheet should be completed in conjunction with Section 2: “Planning Factors” on page 29 of the Jurisdiction Handbook.

- Step 1** Determine the top ten potential target sites developed during the vulnerability assessments. Record these potential targets using the Planning Factor Worksheets for each potential CBRNE material.
- Step 2** Determine if the listed potential target is a likely location for the CBRNE material listed in the top left hand corner of each worksheet. If so, note this by placing a check mark in the “Potential” column for each potential target.
- Step 3** Project the number of individuals possibly affected by the CBRNE materials listed under each planning factor for each site listed as potential.
- Step 4** Project the number of deceased individuals.
- Step 5** Determine the “Maximum Score” for each planning factor. Look for the highest estimated number for each planning factor and carry it to the bottom of the worksheet. The highest planning factor numbers may be found in different targets.
- Step 6** For each CBRNE material selected as potential for the jurisdiction, insert the highest estimated numbers for each planning factor into the maximum values worksheet.

PLANNING FACTORS WORKSHEETS

POTENTIAL INCIDENT—CHEMICAL

Planning Factors						
Chemical		Evacuated Victims				Deceased
Site/Target	Potential (✓)	Non-Injured	Walking	Stretcher	“Worried Well”	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
Max Value Total						

POTENTIAL INCIDENT—BIOLOGICAL

Planning Factors						
Biological		Evacuated Victims				Deceased
Site/Target	Potential (✓)	Non-Injured	Walking	Stretcher	“Worried Well”	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
Max Value Total						

POTENTIAL INCIDENT—RADIOLOGICAL

Planning Factors						
Radiological		Evacuated Victims				Deceased
Site/Target	Potential (✓)	Non-Injured	Walking	Stretcher	“Worried Well”	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
Max Value Total						

POTENTIAL INCIDENT—NUCLEAR

Planning Factors						
Nuclear		Evacuated Victims				Deceased
Site/Target	Potential (✓)	Non-Injured	Walking	Stretcher	“Worried Well”	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
Max Value Total						

POTENTIAL INCIDENT—EXPLOSIVE

Planning Factors						
Explosive		Evacuated Victims				Deceased
Site/Target	Potential (✓)	Non-Injured	Walking	Stretcher	“Worried Well”	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
Max Value Total						

MAXIMUM VALUES FOR CBRNE PLANNING FACTORS

Once the jurisdiction working group has completed the worksheets for each planning factor (Non-Injured, Evacuate-Walking, Evacuate-Stretcher, Worried-Well, Deceased), utilizing those possible CBRNE materials determined as potential for the jurisdiction, the working group should insert those maximum estimated numbers for each planning factor in the maximum values worksheet below.

	Maximum Evacuation				Max Deceased
	Max Non-Injured	Max Walking	Max Stretcher	Max “Worried Well”	
Chemical					
Biological					
Radiological					
Nuclear					
Explosive					

DETERMINE RESPONSE LEVELS FOR EACH DISCIPLINE

This worksheet should be completed in conjunction with Section 3: “Determine Response Levels for each Discipline” on page 34 of the Jurisdiction Handbook.

Step 1 Select the discipline to be assessed for WMD response level capabilities.

Step 2 For each discipline response level, enter the total number of personnel in the designated space provided. This number will represent the entire strength of the discipline, not just those designated as specialized responders. Record this number in the space designated as “Total Number in Discipline.”

Step 3 For each discipline, utilizing planning factors and the descriptions of each WMD response level, determine the number of personnel desired at each response level. Enter the number of responders needed to sustain this response level in the space provided for “Total Number of Personnel Jurisdiction Desires at Response Level.”



Note

The jurisdiction may require more than one response level for a discipline

Step 4 For each discipline, utilizing the number of responders desired at a certain WMD response level, enter the total number of those responders who are currently equipped and trained to operate at that level.

WMD RESPONSE LEVELS BY DISCIPLINE

WMD Response Levels by Discipline		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
Law Enforcement (LE)				
0	<ul style="list-style-type: none"> No training and equipment to react at any level to a WMD incident. 			
1	<ul style="list-style-type: none"> Able to respond and provide support for an emergency involving a WMD incident. Able to recognize the presence of a potential WMD incident. Able to take self-protection measures, secure the area, and call for appropriate help from trained personnel. 			
2	<ul style="list-style-type: none"> Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support of this response for the purpose of protecting nearby persons, the environment, or property from the effects of the release. Able to respond in a defensive fashion to control the incident from a safe distance and keep it from spreading. Possesses general knowledge of biological, nuclear/radiological, and chemical agents. Able to utilize limited personal protective equipment and basic detection equipment. Able to provide rescue and evacuation, basic life support functions, and provide emergency decontamination. Know the Incident Command System and be able to follow Unified Command System procedures for the integration and implementation of each system. Know how the systems integrate and support the incident. Be familiar with the overall operation of the two command systems and be able to assist in implementation of the Unified Command System if needed. 			
3	<p>Note: This level can only be achieved if the jurisdiction has a technician-level certified HazMat Team.</p> <ul style="list-style-type: none"> Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support this response for the purpose of reducing or eliminating the source or effects of the WMD materials. Trained and equipped to operate in a fully encapsulated environment in the hot zone to detect and neutralize a hazardous material. Know and follow Incident Command System and Unified Command System procedures and steps required for implementation of each system. Understand how the two systems are to work together. 			

WMD Response Levels by Discipline		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
Law Enforcement (LE) (cont.)				
4	<ul style="list-style-type: none"> Met or surpassed the requirements for Response Levels One, Two, and Three. Meets or exceeds all emergency response operational, training, and equipment requirements for their jurisdiction to respond to or support the response to a WMD incident. Know and follow department protocols for medical monitoring of response personnel involved with or working at WMD and hazardous material incidents. Possess the capability to operate unhindered, without planning, organizational, training, or equipment shortfalls in any number of environments affected by WMD material release. Know Incident Command System and the Unified Command System's procedures and the steps required for implementation of each system. Understand how the systems are integrated and implemented to work together and what information the on-scene manager needs from the law enforcement manager. Be familiar with the full range of incident command functions, and be able to fulfill any functions related to law enforcement operations. 			

WMD Response Levels by Discipline		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
Emergency Medical Services				
0	<ul style="list-style-type: none"> No training and equipment to react at any level to a WMD incident 			
1	<ul style="list-style-type: none"> Able to respond and provide support for an emergency involving a WMD incident. Able to recognize the presence of a potential WMD incident. Able to take self-protection measures, secure the area, and call for appropriate help from trained personnel. 			
2	<ul style="list-style-type: none"> Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support of this response for the purpose of protecting nearby persons, the environment, or property from the effects of the release. Able to respond in a defensive fashion to control the incident from a safe distance and keep it from spreading. Possesses general knowledge of biological, nuclear/radiological, and chemical agents. Able to utilize limited personal protective equipment and basic detection equipment. Able to provide rescue, evacuation, and basic life support functions. Receives patients extracted from the hot zone who have been decontaminated and can provide emergency decontamination, if required. Know the Incident Command System and be able to follow Unified Command System procedures for the integration and implementation of each system. Know how the systems integrate and support the incident. Be familiar with the overall operation of the two command systems and be able to assist in implementation of the Unified Command System if needed. 			
3	<p>Note: This level can only be achieved if the jurisdiction has a technician-level certified HazMat Team.</p> <ul style="list-style-type: none"> Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support this response for the purpose of extraction of victims during response to releases of CBRNE for care and/or gross decontamination. Trained and equipped to operate in a fully encapsulated environment in the hot zone to detect and neutralize a hazardous material. Know and follow Incident Command System and Unified Command System procedures and steps required for implementation of each system. Understand how the two systems are to work together. 			

WMD Response Levels by Discipline		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
Emergency Medical Services (cont.)				
4	<ul style="list-style-type: none"> • Met or surpassed the requirements for Response Levels One, Two, and Three. • Meets or exceeds all emergency response operational, training, and equipment requirements for their jurisdiction to respond to or support the response to a WMD incident. • Know and follow protocols to provide emergency medical treatment to persons involved in a potential or actual WMD incident. • Understand the special hazards to humans from WMD agents and hazardous materials. • Know the plans and assets available for transporting the victims of WMD and hazardous materials incidents to more advanced medical care at hospitals and similar facilities. Be familiar with the department emergency plan criteria for transporting victims to more advanced medical care facilities. • Know and follow department protocols for medical monitoring of response personnel involved or working with WMD and hazardous material incidents. • Possess the capability to operate unhindered, without planning, organizational, training, or equipment shortfalls in any number of environments affected by WMD material release. • Know and follow Incident Command System and Unified Command System procedures and requirements for implementing each system. Understand how the systems are implemented and integrated. Know what information the on-scene incident commander will need from the EMS manager. 			

WMD Response Levels by Discipline		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
Emergency Management				
0	<ul style="list-style-type: none"> No training and equipment to react at any level to a WMD incident. 			
1	<ul style="list-style-type: none"> Able to respond and provide support for an emergency involving a WMD incident. Able to recognize the presence of a potential WMD incident. Able to take self-protection measures as well as protective measures for the public and for emergency responders, secure the area, and call for appropriate help from trained personnel. Know and follow procedures for protecting a potential crime scene. Know and follow Incident Command System and Unified Command System procedures and requirements for implementing each system. Understand how the systems are implemented and integrated. Recognize when it is appropriate for the Unified Command System to evolve from the Incident Command System. Know what information the on-scene incident commander will need from the emergency management agency emergency operations center. Be familiar with the full range of coordinating activities and duties of the emergency management agency and all incident command functions. Assist those persons who will be fulfilling functions related to the emergency operations plan. Know how to develop an Incident Action Plan and identify assets available for controlling WMD and hazardous materials incidents. Coordinate these activities with the on-scene incident commander. Be familiar with steps to take to assist in planning operational goals and objectives that are to be followed on site in cooperation with the on-scene incident commander. Know how to interface with and integrate requisite emergency support services and resources among the Emergency Operations Center management and the incident or unified command on-scene incident management team. Be familiar with the coordination functions and procedures that are to be conducted by and with the Emergency Operations Center in support of on-scene emergency response activities. 			
2	<ul style="list-style-type: none"> Not Applicable 			
3	<ul style="list-style-type: none"> Not Applicable 			
4	<ul style="list-style-type: none"> Not Applicable 			

WMD Response Levels by Discipline		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
Fire Service				
0	<ul style="list-style-type: none"> No training and equipment to react at any level to a WMD incident. 			
1	<ul style="list-style-type: none"> Able to respond and provide support for an emergency involving a WMD incident. Able to recognize the presence of a potential WMD incident. Able to take self-protection measures, secure the area, and call for appropriate help from trained personnel. Know procedures for protecting a potential crime scene. 			
2	<ul style="list-style-type: none"> Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support of this response for the purpose of protecting nearby persons, the environment, or property from the effects of the release. Able to respond in a defensive fashion to control the incident from a safe distance and keep it from spreading. Possesses general knowledge of biological, nuclear/radiological, and chemical agents. Able to utilize limited personal protective equipment and basic detection equipment. Able to provide rescue and evacuation, basic life support functions, and provide emergency decontamination. Know the Incident Command System and be able to follow Unified Command System procedures for the integration and implementation of each system. Know how the systems integrate and support the incident. Be familiar with the overall operation of the two command systems and be able to assist in implementation of the Unified Command System if needed. 			
3	<p>Note: This level can only be achieved if the jurisdiction has a technician-level certified HazMat Team.</p> <ul style="list-style-type: none"> Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support this response for the purpose of reducing or eliminating the source or effects of the WMD materials. Trained and equipped to operate in a fully encapsulated environment in the hot zone to detect and neutralize a hazardous material. Know and follow Incident Command System and Unified Command System procedures and steps required for implementation of each system. Understand how the two systems are to work together. 			

WMD Response Levels by Discipline		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
Fire Service (cont.)				
4	<ul style="list-style-type: none"> Have met or surpassed the requirements for Response Levels One, Two, and Three. Meets or exceeds all emergency response operational, training, and equipment requirements for their jurisdiction to respond to or support the response to a WMD incident. Know protocols to secure, mitigate, and remove hazardous agents or materials that may be WMD agents or materials. Know and follow department protocols for medical monitoring of response personnel involved with or working at WMD and hazardous material incidents. Possess the capability to operate unhindered, without planning, organizational, training, or equipment shortfalls in any number of environments affected by WMD material release. Know Incident Command System and the Unified Command System's procedures and the steps required for implementation of each system. Understand how the systems are integrated and implemented to work together and what information the on-scene manager needs from the fire department manager. Be familiar with the full range of incident command functions, and be able to fulfill any functions related to fire department operations. Understand development of the Incident Action Plan and know assets available for controlling WMD and hazardous materials incidents, in coordination with the on-scene incident commander. In collaboration with the on-scene incident commander, be able to assist in planning and in determining operational goals and objectives to bring the incident to a successful conclusion. 			

WMD Response Levels by Discipline		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
Hazardous Materials				
0	<ul style="list-style-type: none"> Not Applicable 			
1	<ul style="list-style-type: none"> The designation of HazMat indicates that Awareness Level training has already been completed. 			
2	<ul style="list-style-type: none"> The designation of HazMat indicates that Performance Level (defensive) training has already been completed. 			
3	<p>Note: <i>This level can only be achieved if the jurisdiction has a technician-level certified HazMat Team.</i></p> <ul style="list-style-type: none"> Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support this response for the purpose of reducing or eliminating the source or effects of the WMD materials. Trained and equipped to operate in a fully encapsulated environment in the hot zone to detect and neutralize a hazardous material. Know the Incident Command System and be able to follow Unified Command System procedures for integration and implementation of each system. Know how the systems integrate and support the incident. Be familiar with the overall operation of the two command systems and be able to assist in implementation of the Unified Command System if needed. 			
4	<ul style="list-style-type: none"> Have met or surpassed the requirements for Response Levels One, Two, and Three. Meets or exceeds all emergency response operational, training, and equipment requirements for their jurisdiction to respond to or support the response to a WMD incident. Know protocols to secure, mitigate, and remove hazardous agents or materials that may be WMD agents or materials. Know and follow department protocols for medical monitoring of response personnel involved with or working onsite at WMD and hazardous material incidents, including response team members involved with or working within the hot and warm control zones or personnel involved in onsite decontamination. Know and follow protocols and procedures to secure, mitigate, and remove hazardous materials or potential WMD agents. Possess the capability to operate unhindered, without planning, organizational, training, or equipment shortfalls in any number of environments affected by WMD material release. Know and follow Incident Command System and Unified Command System procedures and requirements for implementing each system. Understand how the systems are implemented and integrated. Know what information the on-scene incident commander will need from the HazMat team manager. Be familiar with the full range of incident command functions and be able to fulfill any function pertaining to HazMat team operations. Know how to develop an incident action plan. Coordinate with the on-scene incident commander assets available for controlling WMD and hazardous materials incidents 			

WMD Response Levels by Discipline		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
Hazardous Materials (cont.)				
4	<ul style="list-style-type: none"> Have Met or surpassed the requirements for Response Levels One, Two, and Three. Meets or exceeds all emergency response operational, training, and equipment requirements for their jurisdiction to respond to or support the response to a WMD incident. Know protocols to secure, mitigate, and remove hazardous agents or materials that may be WMD agents or materials. Know and follow department protocols for medical monitoring of response personnel involved with or working onsite at WMD and hazardous material incidents, including response team members involved with or working within the hot and warm control zones or personnel involved in onsite decontamination. Know and follow protocols and procedures to secure, mitigate, and remove hazardous materials or potential WMD agents. Possess the capability to operate unhindered, without planning, organizational, training, or equipment shortfalls in any number of environments affected by WMD material release. Know and follow Incident Command System and Unified Command System procedures and requirements for implementing each system. Understand how the systems are implemented and integrated. Know what information the on-scene incident commander will need from the HazMat team manager. Be familiar with the full range of incident command functions and be able to fulfill any function pertaining to HazMat team operations. Know how to develop an incident action plan. Coordinate with the on-scene incident commander assets available for controlling WMD and hazardous materials incidents 			

WMD Response Levels by Discipline		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
Public Works				
0	<ul style="list-style-type: none"> No training and equipment to react at any level to a WMD incident. 			
1	<ul style="list-style-type: none"> Able to respond and provide support for an emergency involving a WMD incident. Able to recognize the presence of a potential WMD incident. Able to take self-protection measures, secure the area, and call for appropriate help from trained personnel. Know procedures for protecting a potential crime scene 			
2	<ul style="list-style-type: none"> Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support of this response for the purpose of protecting nearby persons, the environment, or property from the effects of the release. Able to respond in a defensive fashion to control the incident from a safe distance and keep it from spreading. Possesses general knowledge of biological, nuclear/radiological, and chemical agents. Able to utilize limited personal protective equipment and basic detection equipment. Able to provide rescue and evacuation, basic life support functions, and provide emergency decontamination. Know and follow procedures for protecting a potential crime scene. Know and follow Incident Command System and Unified Command System procedures and requirements for implementing each system. Understand how the systems are implemented and integrated. Know what information the on-scene incident commander will need from the public works supervisor or manager. Be familiar with the full range of coordinating activities and duties of the public works agencies. Understand the Incident Command System and the Unified Command System. Know how to develop appropriate plans for actions to be taken by the public works agency when a WMD and hazardous materials incident occurs. Know how to coordinate plans with the on-scene incident commander. Know what steps to take to assist in planning operational goals and objectives that are to be followed on site in cooperation with the on-scene incident commander in bringing the incident to a successful conclusion. Know how to interface and integrate emergency support services and resources that will be needed (or are needed) among the Emergency Operations Center, the on-scene incident management team, and public works facilities and agencies. Be familiar with the coordination functions and procedures that are to be conducted by public works with the Emergency Operations Center to support on-scene emergency response activities 			
3	<ul style="list-style-type: none"> Not applicable 			
4	<ul style="list-style-type: none"> Not applicable 			

WMD Response Levels by Discipline		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
Governmental Administrative				
0	<ul style="list-style-type: none"> Unable to recognize roles or responsibilities of governmental administrative personnel or coordinate response to WMD incident. 			
1	<ul style="list-style-type: none"> Able to respond and provide support for an emergency involving a WMD incident. Able to recognize the presence of a potential WMD incident. Able to take self-protection measures, secure the area, and call for appropriate help from trained personnel. Support any protective measures required for the public and for emergency responders to WMD incidents. Know procedures for protecting a potential crime scene. Supports the activation of the emergency operations center and receives updates based on shared information between all agencies. Supports coordination efforts to evacuate or shelter-in-place those populations affected by incident. Supports the initiation of public warnings, mutual aid activation efforts if required, and understands role and responsibilities during incident. Coordinates with EMA to design and execute continuity of government as needed during a WMD and hazardous materials incident. Be familiar with the Incident Command System and Unified Command System procedures and requirements for implementing each system. Be familiar with the information the on-scene incident commander will need from the emergency management agency emergency operations center. Support the coordinating activities and duties of the emergency management agency and all incident command functions. Be familiar with general functions related to the emergency operations plan. Provide support for the development of an Incident Action Plan and ensure asset availability for the response and mitigation of WMD and hazardous materials incidents. Support coordination efforts during the incident with the on-scene incident commander. Be familiar with needs required to interface with and integrate requisite emergency support services and resources among the Emergency Operations Center management and the incident or unified command on-scene incident management team. Support the coordination functions and procedures that are to be conducted by and with the Emergency Operations Center in support of on-scene emergency response activities. 			
2	<ul style="list-style-type: none"> Not applicable 			
3	<ul style="list-style-type: none"> Not applicable 			
4	<ul style="list-style-type: none"> Not applicable 			

WMD Response Levels by Discipline		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
Public Safety Communications				
0	<ul style="list-style-type: none"> Unable to serve as conduit for centralized communication efforts required during response to a WMD incident. 			
1	<ul style="list-style-type: none"> Able to notify proper personnel for response based upon recognition of possible WMD incident gained from calls for service, dispatch patterns, and signs/symptoms received from the scene. Able to advise responders of self-protection measures, help with coordination efforts to secure the area, and facilitate calls for appropriate help from trained personnel. Supports responder communication requirements needed to contain the incident from a safe distance. Support communication requirements needed to keep the WMD incident from spreading. Understand the procedures for protecting a potential crime scene. Coordinate with other agencies to ensure radio interoperability. Assists with the activation of the emergency operations center and provides updates received regarding shared information between all agencies. Supports communication efforts to evacuate or shelter-in-place those populations affected by incident. Facilitates the initiation of public warnings, mutual aid activation efforts if required, and understands role and responsibilities during incident. Be familiar with needs required to interface with and integrate requisite emergency support services and resources among the Emergency Operations Center management and the incident or unified command on-scene incident management team. Support the coordination functions and procedures that are to be conducted by and with the Emergency Operations Center in support of on-scene emergency response activities. 			
2	<ul style="list-style-type: none"> Not applicable 			
3	<ul style="list-style-type: none"> Not applicable 			
4	<ul style="list-style-type: none"> Not applicable 			

WMD Response Levels by Discipline		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
Health Care				
0	<ul style="list-style-type: none"> No training and equipment to react at any level to a WMD incident.. 			
1	<ul style="list-style-type: none"> Able to provide support for an emergency involving a WMD incident. Able to recognize the presence of a potential WMD incident. Able to take self-protection measures as well as protective measures for the public and for emergency responders, secure the area, and call for appropriate help from trained personnel. Know and follow procedures for protecting a potential crime scene. Support notification of increased patient load by emergency responders. Understand the need to help preserve evidence and be familiar with procedures required for protecting a potential crime scene. Know and follow agency/organization's scene/site security and control procedures for WMD incidents. Coordinate with HazMat personnel for gross/technical decontamination of self-transported victims due to releases or potential releases of WMD materials. 			
2	<ul style="list-style-type: none"> Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support of this response for the purpose of protecting nearby persons, the environment, or property from the effects of the release. Able to respond in a defensive fashion to control the incident from a safe distance and keep it from spreading. Possesses general knowledge of biological, nuclear/radiological, and chemical agents. Able to utilize limited personal protective equipment and basic detection equipment. Able to provide rescue, evacuation, basic life support functions. Know and follow procedures for working in a contaminated area for the purposes of performing decontamination efforts on self transported patients. Know the Incident Command System and be able to follow Unified Command System procedures for the integration and implementation of each system. Know how the systems integrate and support the incident. Be familiar with the overall operation of the two command systems and be able to assist in implementation of the Unified Command System if needed. 			

WMD Response Levels by Discipline		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
Health Care				
2	<ul style="list-style-type: none"> Know and follow procedures for working in a contaminated area for the purposes of performing decontamination efforts on self transported patients. Know the Incident Command System and be able to follow Unified Command System procedures for the integration and implementation of each system. Know how the systems integrate and support the incident. Be familiar with the overall operation of the two command systems and be able to assist in implementation of the Unified Command System if needed. Know how to develop an Incident Action Plan and identify assets available for controlling WMD and hazardous materials incidents. Coordinate these activities with the on-scene incident commander. Be familiar with steps to take to assist in planning operational goals and objectives that are to be followed on site in cooperation with the on-scene incident commander. Know how to interface with and integrate requisite emergency support services and resources among the Emergency Operations Center management and the incident or unified command on-scene incident management team. Be familiar with the coordination functions and procedures that are to be conducted by and with the Emergency Operations Center in support of on-scene emergency response activities. 			
3	<ul style="list-style-type: none"> Not applicable 			
4	<ul style="list-style-type: none"> Not applicable 			

WMD Response Levels by Discipline		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
Public Health				
0	<ul style="list-style-type: none"> No training and equipment to react at any level to a WMD incident. 			
1	<ul style="list-style-type: none"> Able to provide support for an emergency involving a WMD incident. Able to recognize the presence of a potential WMD incident. Able to take self-protection measures as well as protective measures for the public and for emergency responders, secure the area, and call for appropriate help from trained personnel. Understand the need to help preserve evidence and be familiar with procedures required for protecting a potential crime scene. Support the need for increased assessment and treatment recommendation requests made by hospitals and clinicians in the community. Coordinate recommendation efforts concerning the need for mass medications, immunizations, lab analysis, isolation, containment, quarantine of victims, and on-going epidemiological investigations, due to releases or potential releases of a WMD material. 			
2	<ul style="list-style-type: none"> Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support of this response for the purpose of protecting nearby persons, the environment, or property from the effects of the release. Able to respond in a defensive fashion to control the incident from a safe distance and keep it from spreading. Possesses general knowledge of biological, nuclear/radiological, and chemical agents. Able to utilize limited personal protective equipment and basic detection equipment. Able to provide rescue, evacuation, basic life support functions and emergency decontamination. Know and follow procedures for working in a contaminated area for the purposes of performing assessments, lab analysis, and conducting epidemiological investigations. Know the Incident Command System and be able to follow Unified Command System procedures for the integration and implementation of each system. Know how the systems integrate and support the incident. Be familiar with the overall operation of the two command systems and be able to assist in implementation of the Unified Command System if needed. 			

WMD Response Levels by Discipline		Total # in Discipline	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
Public Health				
2	<ul style="list-style-type: none"> Know how to develop an Incident Action Plan and identify assets available for controlling WMD and hazardous materials incidents. Coordinate these activities with the on-scene incident commander. Be familiar with steps to take to assist in planning operational goals and objectives that are to be followed on site in cooperation with the on-scene incident commander. Know how to interface with and integrate requisite emergency support services and resources among the Emergency Operations Center management and the incident or unified command on-scene incident management team. Be familiar with the coordination functions and procedures that are to be conducted by and with the Emergency Operations Center in support of on-scene emergency response activities 			
3	<ul style="list-style-type: none"> Not applicable 			
4	<ul style="list-style-type: none"> Not applicable 			

WMD TASK BY DISCIPLINE

This worksheet should be completed in conjunction with Section 3: “WMD Task by Discipline” on page 36 of the Jurisdiction Handbook.

Step 1 Select the discipline to be assessed.

Step 2 For each emergency response discipline, utilizing planning factors and potential incidents, determine required tasks needed to respond to a WMD terrorism incident from the sample tasks provided. If the sample tasks do not include specific tasks required by the jurisdiction for this discipline, use the blank spaces at the end of each section to add additional specialized tasks.

Step 3 Choose those tasks that can and cannot currently be accomplished by the discipline within each category for the CBRNE materials selected. If the task is not applicable this should be recorded as well. Current capability of each task is determined through questions posed to the jurisdiction working group members who represent the selected discipline.

- For the task listed, are there appropriate plans and procedures in place to accomplish the task?
- If a specialized team will accomplish the task, are these organizational components in place? (i.e., task force, SWAT team, etc.)
- Is the discipline equipped to perform the required task for potential incidents?
- Has the discipline trained to perform these tasks during potential incidents?
- Has this task associated with the response plan been exercised using the potential incident as a CBRNE scenario?

NOTE:

To complete this portion of the assessment, use the following definitions for the terms “Yes,” “No,” “Partial,” and “N/A”:

Yes: *The jurisdiction possesses all of the requirements for the specified task.*

No: *The jurisdiction possess no capabilities with regard to the expressed requirements for the specific task.*

Partial: *The jurisdiction possesses moderate capabilities, but still lacks complete compliance with the expressed requirements.*

N/A: *N/A entries may indicate one or more of the following: The listed task does not apply to specific CBRNE material. The category (plan/procedures, organization, equipment, training, exercises) does not apply to CBRNE material. The jurisdiction did not establish planning factors for the CBRNE marked N/A; the listed task is completed at the state level rather than the jurisdiction level.*



Note

NOTE: *N/A entries may indicate one or more of the following:*

- *The listed task does not apply to specific CBRNE material.*
- *The category (plan/procedures, organization, equipment, training, exercises) does not apply to CBRNE material.*
- *The jurisdiction did not establish planning factors for the CBRNE marked N/A.*
- *State Responsibility*

[illegible]

Task Examples for Law Enforcement (LE) Responder Capabilities		Tasks by Discipline																																				
		Annotate those Capabilities you have <u>Currently</u>																																				
		Plans/ Procedures					Organization					Equipped					Trained					Exercised																
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E												
Know how to wear and use appropriate Level of PPE, in accordance with OSHA standards	Yes																																					
	No																																					
	Partial																																					
	N/A																																					
Know how and when to contain victims	Yes																																					
	No																																					
	Partial																																					
	N/A																																					
Collect and preserve evidence	Yes																																					
	No																																					
	Partial																																					
	N/A																																					
Conduct special operations in a hazardous environment	Yes																																					
	No																																					
	Partial																																					
	N/A																																					
Integrate criminal investigations with the epidemiological investigation	Yes																																					
	No																																					
	Partial																																					
	N/A																																					
Investigate the incident	Yes																																					
	No																																					
	Partial																																					
	N/A																																					
Perform render/safe procedures	Yes																																					
	No																																					
	Partial																																					
	N/A																																					
Provide site security	Yes																																					
	No																																					
	Partial																																					
	N/A																																					

Task Examples for Law Enforcement (LE) Responder Capabilities		Tasks by Discipline																								
		Annotate those Capabilities you have <u>Currently</u>																								
		Plans/ Procedures					Organization					Equipped					Trained					Exercised				
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E
Recognize a terrorist incident	Yes																									
	No																									
	Partial																									
	N/A																									
Recognize the need to decontaminate people and animals (process and terminology)	Yes																									
	No																									
	Partial																									
	N/A																									
Search for additional devices	Yes																									
	No																									
	Partial																									
	N/A																									
	Yes																									
	No																									
	Partial																									
	N/A																									
	Yes																									
	No																									
	Partial																									
	N/A																									
	Yes																									
	No																									
	Partial																									
	N/A																									
	Yes																									
	No																									
	Partial																									
	N/A																									

Tasks by Discipline																											
Task Examples for <u>Emergency Medical Services</u> Responder Capabilities		Annotate those Capabilities you have <u>Currently</u>																									
		Plans/ Procedures					Organization					Equipped					Trained					Exercised					
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	
Recognize the need to decontaminate victims properly prior to transport	Yes																										
	No																										
	Partial																										
	N/A																										
Apply the resource allocation plan	Yes																										
	No																										
	Partial																										
	N/A																										
Assure vital information about the incident is effectively shared with all agencies	Yes																										
	No																										
	Partial																										
	N/A																										
Coordinate a large scale multi-jurisdictional/regional incident	Yes																										
	No																										
	Partial																										
	N/A																										
Coordinate all mitigation activities	Yes																										
	No																										
	Partial																										
	N/A																										
Coordinate evacuation/sheltering and protect in place activities	Yes																										
	No																										
	Partial																										
	N/A																										
Coordinate human services to include shelter, health, and welfare for emotional and physical needs	Yes																										
	No																										
	Partial																										
	N/A																										
Coordinate local WMD training for all potential responding agencies	Yes																										
	No																										
	Partial																										
	N/A																										

Task Examples for <u>Emergency Medical Services</u> Responder Capabilities		Tasks by Discipline																								
		Annotate those Capabilities you have <u>Currently</u>																								
		Plans/ Procedures					Organization					Equipped					Trained					Exercised				
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E
Coordinate patient tracking with the health and medical fields	Yes																									
	No																									
	Partial																									
	N/A																									
Coordinate family assistance	Yes																									
	No																									
	Partial																									
	N/A																									
Coordinate public warning, instruction, and information updates	Yes																									
	No																									
	Partial																									
	N/A																									
	Yes																									
	No																									
	Partial																									
	N/A																									
	Yes																									
	No																									
	Partial																									
	N/A																									
	Yes																									
	No																									
	Partial																									
	N/A																									
	Yes																									
	No																									
	Partial																									
	N/A																									

Task Examples for Emergency Management Agency Responder Capabilities		Tasks by Discipline																								
		Annotate those Capabilities you have <u>Currently</u>																								
		Plans/ Procedures					Organization					Equipped					Trained					Exercised				
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E
Coordinate structural recovery and "clean up"	Yes																									
	No																									
	Partial																									
	N/A																									
Coordinate the activities of volunteer agencies, ham radio operators, and community emergency response team	Yes																									
	No																									
	Partial																									
	N/A																									
Coordinate the development of plans, procedures and protocols for response	Yes																									
	No																									
	Partial																									
	N/A																									
Coordinate the request, acquisition, distribution, and security of any needed resources	Yes																									
	No																									
	Partial																									
	N/A																									
Coordinate the request, acquisition, distribution, and security of the national pharmaceutical stock pile	Yes																									
	No																									
	Partial																									
	N/A																									
Coordinate with public health agencies for surveillance	Yes																									
	No																									
	Partial																									
	N/A																									
Manage and oversee the local or state WMD response and recovery program	Yes																									
	No																									
	Partial																									
	N/A																									
Develop mutual aid programs and protocols for WMD response	Yes																									
	No																									
	Partial																									
	N/A																									

Task Examples for Emergency Management Agency Responder Capabilities		Tasks by Discipline																													
		Annotate those Capabilities you have <u>Currently</u>																													
		Plans/ Procedures					Organization					Equipped					Trained					Exercised									
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E					
Secure facilities during a WMD incident	Yes																														
	No																														
	Partial																														
	N/A																														
Coordinate local, state, and federal assets	Yes																														
	No																														
	Partial																														
	N/A																														
Design and execute interagency WMD exercises	Yes																														
	No																														
	Partial																														
	N/A																														
Manage and coordinate the activities of the EOC	Yes																														
	No																														
	Partial																														
	N/A																														
Coordinate donations and unsolicited volunteers	Yes																														
	No																														
	Partial																														
	N/A																														
Collaborate with Public Health and Coordinate Public Health issues related to WMD	Yes																														
	No																														
	Partial																														
	N/A																														
	Yes																														
	No																														
	Partial																														
	N/A																														
	Yes																														
	No																														
	Partial																														
	N/A																														

Task Examples for Fire Service Responder Capabilities		Tasks by Discipline																								
		Annotate those Capabilities you have <u>Currently</u>																								
		Plans/ Procedures					Organization					Equipped					Trained					Exercised				
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E
Identify and preserve evidence	Yes																									
	No																									
	Partial																									
	N/A																									
Perform victim rescue	Yes																									
	No																									
	Partial																									
	N/A																									
Control the scene	Yes																									
	No																									
	Partial																									
	N/A																									
Perform hazard control and exposure protection	Yes																									
	No																									
	Partial																									
	N/A																									
Provide investigative assistance as required	Yes																									
	No																									
	Partial																									
	N/A																									
Be familiar with emergency patient care	Yes																									
	No																									
	Partial																									
	N/A																									
Be familiar with reference utilization for incident mitigation	Yes																									
	No																									
	Partial																									
	N/A																									
Implement decontamination procedures (mass, technical, and personal)	Yes																									
	No																									
	Partial																									
	N/A																									

Tasks by Discipline																										
Task Examples for Fire Service Responder Capabilities		Annotate those Capabilities you have <u>Currently</u>																								
		Plans/ Procedures					Organization					Equipped					Trained					Exercised				
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E
Know how and when to contain victims	Yes																									
	No																									
	Partial																									
	N/A																									
Know how to function within mass casualty incident operation plan	Yes																									
	No																									
	Partial																									
	N/A																									
Know how to wear and use appropriate Level of PPE, in accordance with OSHA standards	Yes																									
	No																									
	Partial																									
	N/A																									
Know special dangers of WMD site for perimeter determination	Yes																									
	No																									
	Partial																									
	N/A																									
Knowledge of WMD agents	Yes																									
	No																									
	Partial																									
	N/A																									
Participate in intelligence sharing	Yes																									
	No																									
	Partial																									
	N/A																									
Understand the use and capability of detection equipment to identify WMD agents	Yes																									
	No																									
	Partial																									
	N/A																									
Distinguish HazMat/WMD from routine incidents	Yes																									
	No																									
	Partial																									
	N/A																									

Tasks by Discipline																											
Task Examples for <u>Fire Service</u> Responder Capabilities		Annotate those Capabilities you have <u>Currently</u>																									
		Plans/ Procedures					Organization					Equipped					Trained					Exercised					
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	
Know common decontamination terms (mass, technical, and personal)	Yes																										
	No																										
	Partial																										
	N/A																										
	Yes																										
	No																										
	Partial																										
	N/A																										
	Yes																										
	No																										
	Partial																										
	N/A																										
	Yes																										
	No																										
	Partial																										
	N/A																										
	Yes																										
	No																										
	Partial																										
	N/A																										
	Yes																										
	No																										
	Partial																										
	N/A																										
	Yes																										
	No																										
	Partial																										
	N/A																										

Task Examples for Hazardous Materials Responder Capabilities		Tasks by Discipline																													
		Annotate those Capabilities you have <u>Currently</u>																													
		Plans/ Procedures					Organization					Equipped					Trained					Exercised									
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E					
Be familiar with reference utilization for incident mitigation	Yes																														
	No																														
	Partial																														
	N/A																														
Be familiar with emergency patient care	Yes																														
	No																														
	Partial																														
	N/A																														
Coordinate clean up	Yes																														
	No																														
	Partial																														
	N/A																														
Apply scene control procedures	Yes																														
	No																														
	Partial																														
	N/A																														
Know common decontamination terms (mass, technical, and personal)	Yes																														
	No																														
	Partial																														
	N/A																														
Conduct agent control/containment	Yes																														
	No																														
	Partial																														
	N/A																														
Provide site assessment and remediation	Yes																														
	No																														
	Partial																														
	N/A																														
Provide technical information/recommendations to command personnel and other agencies	Yes																														
	No																														
	Partial																														
	N/A																														

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Task Examples for Hazardous Materials Responder Capabilities		Tasks by Discipline																													
		Annotate those Capabilities you have <u>Currently</u>																													
		Plans/ Procedures					Organization					Equipped					Trained					Exercised									
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E					
Understand the use and capability of detection equipment to identify WMD agents	Yes																														
	No																														
	Partial																														
	N/A																														
Identify agents based on signs and symptoms	Yes																														
	No																														
	Partial																														
	N/A																														
Distinguish HazMat/WMD from routine incidents	Yes																														
	No																														
	Partial																														
	N/A																														
Integrate activities with EOD	Yes																														
	No																														
	Partial																														
	N/A																														
Integrate activities with Law Enforcement on scene and crowd control	Yes																														
	No																														
	Partial																														
	N/A																														
	Yes																														
	No																														
	Partial																														
	N/A																														
	Yes																														
	No																														
	Partial																														
	N/A																														
	Yes																														
	No																														
	Partial																														
	N/A																														

[illegible]

Task Examples for Public Works Responder Capabilities		Tasks by Discipline																													
		Annotate those Capabilities you have <u>Currently</u>																													
		Plans/ Procedures					Organization					Equipped					Trained					Exercised									
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E					
Know when and how to notify other agencies	Yes																														
	No																														
	Partial																														
	N/A																														
Knowledge of the impact of WMD incident on the organization	Yes																														
	No																														
	Partial																														
	N/A																														
Recognize/distinguish devices as WMD threats	Yes																														
	No																														
	Partial																														
	N/A																														
Understand the environmental impact of a WMD incident in the infrastructure recovery process	Yes																														
	No																														
	Partial																														
	N/A																														
Perform contaminated debris management for evidentiary and safety purposes	Yes																														
	No																														
	Partial																														
	N/A																														
Integrate Public Works operations into incident management structure	Yes																														
	No																														
	Partial																														
	N/A																														
	Yes																														
	No																														
	Partial																														
	N/A																														
	Yes																														
	No																														
	Partial																														
	N/A																														

Task by Discipline																											
Task Examples for <u>Governmental Administrative</u> Responder Capabilities		Annotate those Capabilities you have <u>Currently</u>																									
		Plans/ Procedures					Organization					Equipped					Trained					Exercised					
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	
Coordination with EMA to design and execute continuity of government during an incident	Yes																										
	No																										
	Partial																										
	N/A																										
Develop policy in support of emergency operations.	Yes																										
	No																										
	Partial																										
	N/A																										
Develop a public policy vision for community recovery from a WMD incident	Yes																										
	No																										
	Partial																										
	N/A																										
Develop confidence building strategies within management	Yes																										
	No																										
	Partial																										
	N/A																										
Understand and exercise as appropriate emergency powers and declarations among local, state, private, and federal entities	Yes																										
	No																										
	Partial																										
	N/A																										
Understand role and responsibilities during a WMD incident	Yes																										
	No																										
	Partial																										
	N/A																										
	Yes																										
	No																										
	Partial																										
	N/A																										
	Yes																										
	No																										
	Partial																										
	N/A																										

[illegible]

Task Examples for Health Care Responder Capabilities		Tasks by Discipline																								
		Annotate those Capabilities you have <u>Currently</u>																								
		Plans/ Procedures					Organization					Equipped					Trained					Exercised				
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E
Coordinate with law enforcement for security and fire/hazmat for decontamination	Yes																									
	No																									
	Partial																									
	N/A																									
Develop a decontamination strategy to address single, multiple, and mass patients	Yes																									
	No																									
	Partial																									
	N/A																									
Develop plans for communication of operational status internally and externally with EMA and EOC	Yes																									
	No																									
	Partial																									
	N/A																									
Develop plans for facility security	Yes																									
	No																									
	Partial																									
	N/A																									
Develop plans for facility management	Yes																									
	No																									
	Partial																									
	N/A																									
Develop plans for illness, injury, and line of duty death of personnel	Yes																									
	No																									
	Partial																									
	N/A																									
Develop plans for inclusion of outside volunteer health care professionals	Yes																									
	No																									
	Partial																									
	N/A																									
Develop plans for mass medication of staff	Yes																									
	No																									
	Partial																									
	N/A																									

[illegible]

Task Examples for Health Care Responder Capabilities		Tasks by Discipline																								
		Annotate those Capabilities you have <u>Currently</u>																								
		Plans/ Procedures					Organization					Equipped					Trained					Exercised				
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E
Know how and when to use medical references	Yes																									
	No																									
	Partial																									
	N/A																									
Know how to wear and use the appropriate level of PPE	Yes																									
	No																									
	Partial																									
	N/A																									
Know when to isolate victims	Yes																									
	No																									
	Partial																									
	N/A																									
Participate in medical surveillance program in conjunction with EMA and public health	Yes																									
	No																									
	Partial																									
	N/A																									
Recognize and preserve evidence	Yes																									
	No																									
	Partial																									
	N/A																									
Recognize signs and symptoms of WMD agents through clinical assessment and obtaining presumptive diagnosis	Yes																									
	No																									
	Partial																									
	N/A																									
Recognize victim symptoms of potential WMD	Yes																									
	No																									
	Partial																									
	N/A																									
Understand decontamination equipment	Yes																									
	No																									
	Partial																									
	N/A																									

[illegible]

Tasks by Discipline																											
Task Examples for Public Health Responder Capabilities		Annotate those Capabilities you have <u>Currently</u>																									
		Plans/ Procedures					Organization					Equipped					Trained					Exercised					
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	
Coordinate with response partners, as evidenced by written agreements	Yes																										
	No																										
	Partial																										
	N/A																										
Assess emergency public health legal authorities	Yes																										
	No																										
	Partial																										
	N/A																										
Develop a comprehensive, integrated public health emergency response	Yes																										
	No																										
	Partial																										
	N/A																										
Integrate public health response within the existing Incident Command System/Unified Command structure	Yes																										
	No																										
	Partial																										
	N/A																										
Develop a staffing plan for public health emergency response	Yes																										
	No																										
	Partial																										
	N/A																										
Participate with other health care providers in a medical operations center to coordinate medical response and assets	Yes																										
	No																										
	Partial																										
	N/A																										
Know how to wear and use appropriate Level of PPE, in accordance with OSHA standards	Yes																										
	No																										
	Partial																										
	N/A																										
Develop and implement plans for isolation and quarantine	Yes																										
	No																										
	Partial																										
	N/A																										

Tasks by Discipline																										
Task Examples for Public Health Responder Capabilities		Annotate those Capabilities you have <u>Currently</u>																								
		Plans/ Procedures					Organization					Equipped					Trained					Exercised				
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E
Provide for alternate care facilities in coordination with EMA	Yes																									
	No																									
	Partial																									
	N/A																									
Assure decontamination of exposed victims and environmental surfaces	Yes																									
	No																									
	Partial																									
	N/A																									
Assure safe disposal of corpses	Yes																									
	No																									
	Partial																									
	N/A																									
Determine local maximum bed capacity, infection control rooms, respiratory isolation units, ventilators, and mortuary space	Yes																									
	No																									
	Partial																									
	N/A																									
Develop surge capacity plan to accommodate 5-fold increase	Yes																									
	No																									
	Partial																									
	N/A																									
Develop system for professional credentialing	Yes																									
	No																									
	Partial																									
	N/A																									
Develop plan for dealing with agency personnel injury, illness, or line of duty death	Yes																									
	No																									
	Partial																									
	N/A																									
Monitor air, water, food, and soil quality, and provide for vector control in recovery phase	Yes																									
	No																									
	Partial																									
	N/A																									

Task Examples for Public Health Responder Capabilities		Tasks by Discipline																																						
		Annotate those Capabilities you have <u>Currently</u>																																						
		Plans/ Procedures					Organization					Equipped					Trained					Exercised																		
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E														
Maintain directories with emergency contact information of agency personnel and emergency response partners	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Conduct local pharmacy inventory of available medications and medical supplies	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Manage National Pharmaceutical Stockpile according to pre- established plan	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Manage smallpox vaccinations according to pre-established plan	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Develop a mass medication administration plan for the agency personnel (internal)	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Maintain surveillance systems for conditions of public health importance	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Recognize patterns to infer threats of potential WMD terrorism incidents	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Conduct a coordinated epidemiologic response	Yes																																							
	No																																							
	Partial																																							
	N/A																																							

Task Examples for Public Health Responder Capabilities		Tasks by Discipline																																						
		Annotate those Capabilities you have <u>Currently</u>																																						
		Plans/ Procedures					Organization					Equipped					Trained					Exercised																		
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E														
Develop a plan in conjunction with hospitals for medical surveillance and long-term evaluation of incident victims	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Integrate epidemiological investigation and monitoring with CDC, WHO, and other US and international agencies	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Disseminate pre-prepared medical management information	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Identify laboratories that can rule-out, rule-in, and speciate potential agents	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Collaborate with law enforcement and first responders to triage specimens/samples on which lab analysis is requested	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Arrange safe transport of potentially dangerous lab samples/specimens	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Ensure proper packaging, handling, transport, and adherence to chain of custody for all laboratory specimens	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Establish 24 hour per day/7 day per week system to transmit and receive health alerts	Yes																																							
	No																																							
	Partial																																							
	N/A																																							

Task Examples for Public Health Responder Capabilities		Tasks by Discipline																																						
		Annotate those Capabilities you have <u>Currently</u>																																						
		Plans/ Procedures					Organization					Equipped					Trained					Exercised																		
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E														
Ensure robust and secure electronic and paper information exchange for laboratory and epidemiologic data and information	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Establish redundant communication systems	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Maintain a public website for information	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Develop an emergency response/crisis communication plan	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Maintain directories with emergency contact information of media personnel and PIOs	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Communicate health and risk information to the public and response partners	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Communicate with the public about reoccupation and resumption of normal activity	Yes																																							
	No																																							
	Partial																																							
	N/A																																							
Conduct a training needs assessment of agency staff	Yes																																							
	No																																							
	Partial																																							
	N/A																																							

Tasks by Discipline																										
Task Examples for Public Health Responder Capabilities		Annotate those Capabilities you have <u>Currently</u>																								
		Plans/ Procedures					Organization					Equipped					Trained					Exercised				
		C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E	C	B	R	N	E
Provide (or collaborate to provide) training on matters of public health relevance	Yes																									
	No																									
	Partial																									
	N/A																									
Familiarize staff with various response roles through joint training	Yes																									
	No																									
	Partial																									
	N/A																									
Participate in emergency response drills, simulations, and exercises with emergency response partners	Yes																									
	No																									
	Partial																									
	N/A																									
	Yes																									
	No																									
	Partial																									
	N/A																									
	Yes																									
	No																									
	Partial																									
	N/A																									
	Yes																									
	No																									
	Partial																									
	N/A																									
	Yes																									
	No																									
	Partial																									
	N/A																									

NEEDS ASSESSMENT – PLANNING

This worksheet should be completed in conjunction with Section 4: “Needs Assessment—Planning” on page 42 of the Jurisdiction Handbook

EMERGENCY OPERATION PLAN/TERRORISM INCIDENT ANNEX

The jurisdiction should indicate the following using the attached work sheets:

- Does the jurisdiction have a current emergency operation plan?
- If so, when was the plan last updated?
- Does the jurisdiction have a current terrorism incident annex?
- If so, when was the annex last updated?
- Does the current emergency operation plan address specified issues?

EMERGENCY RESPONSE CAPABILITY

- Step 1** For each discipline listed, determine current jurisdiction capability.
- Step 2** For each discipline, the jurisdiction should indicate current capability and determine the number of full time and volunteer emergency responders currently available to respond.
- Step 3** For each discipline the jurisdiction shows current capability; indicate whether mutual aid is provided or received through a written agreement.

EMERGENCY OPERATION PLAN/INCIDENT ANNEX

Current Emergency Operation Plan	<input type="checkbox"/> Yes <input type="checkbox"/> No
Your plan was updated in the last	<input type="text"/>
Current Incident Annex	<input type="checkbox"/> Yes <input type="checkbox"/> No
Your annex was updated in the last	<input type="text"/>

Does your EOP address the following incident issues:	
Continuity of Operations/Continuity of Government	<input type="checkbox"/> Yes <input type="checkbox"/> No
Mass Decontamination	<input type="checkbox"/> Yes <input type="checkbox"/> No
Isolation/Quarantine	<input type="checkbox"/> Yes <input type="checkbox"/> No
Recovery and Restoration	<input type="checkbox"/> Yes <input type="checkbox"/> No
Volunteers/Donated Resources	<input type="checkbox"/> Yes <input type="checkbox"/> No
Resource Management	<input type="checkbox"/> Yes <input type="checkbox"/> No
Mass Casualties	<input type="checkbox"/> Yes <input type="checkbox"/> No
Evacuation	<input type="checkbox"/> Yes <input type="checkbox"/> No

EMERGENCY RESPONSE CAPABILITY

Type	Jurisdiction Capability	# Full Time Personnel	# Volunteer Personnel	Receives Mutual aid	Provides Mutual Aid
Law Enforcement	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Medical Service	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Management	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Fire Service	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Public Works	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Governmental Administrative	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Public Safety Communications	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Health Care	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Public Health	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

TECHNICAL ASSISTANCE – PLANNING

This worksheet should be completed in conjunction with Section 4: “Technical Assistance Input—Planning” on page 45 of the Jurisdiction Handbook

- Step 1** Select the TA that would benefit your jurisdiction or describe the specific assistance desired in the “Other Technical Assistance Description” text box provided. If the “Other Technical Assistance Description” text box is used, it will be important that the jurisdiction fully describe the assistance desired.
- Step 2** Determine what disciplines will require the selected TA. If other disciplines require TA, enter them using the “Other” category and describe in the comments section.
- Step 3** Project the frequency of TA deliveries desired by the jurisdiction by selecting one of the following: once/six months, annually, once/two-years, once/three-years, once/four-years, once/five-years.
- Step 4** The jurisdiction may document their priority for receiving specific TA, if desired.

TECHNICAL ASSISTANCE—PLANNING

Type of Technical Assistance	
<input type="checkbox"/>	Develop/Update Emergency Operations Plans
<input type="checkbox"/>	Develop/Update Response Protocols
<input type="checkbox"/>	Develop/Update WMD/Terrorism Incident Annex
<input type="checkbox"/>	Facilitation of Working Group
<input type="checkbox"/>	Other Technical Assistance Description
Participating Disciplines	<input type="checkbox"/> Law Enforcement <input type="checkbox"/> Emergency Medical Services <input type="checkbox"/> Emergency Management <input type="checkbox"/> Fire Service <input type="checkbox"/> HazMat <input type="checkbox"/> Public Works <input type="checkbox"/> Governmental Administrative <input type="checkbox"/> Public Safety Communications <input type="checkbox"/> Healthcare <input type="checkbox"/> Public Health <input type="checkbox"/> Other (Describe in comments)
Other Discipline Comments	
Frequency of Delivery	
Priority for Delivery	

NEEDS ASSESSMENT – ORGANIZATION

This worksheet should be completed in conjunction with Section 4: “Needs Assessment—Organization” on page 47 of the Jurisdiction Handbook.

- Step 1** Designate the jurisdiction capability for each team. If the jurisdiction currently has a specific team capability, the jurisdiction working group should answer “Yes” under “Jurisdiction Capability.”
- Step 2** Indicate if your jurisdiction receives assistance through written mutual aid agreements from other jurisdictions for this team function.
- Step 3** If you answered yes to jurisdiction capability, do you provide support to other jurisdictions through written mutual agreements?
- Step 4** If you indicated jurisdiction capability, enter the number of emergency response teams and personnel per team in the text boxes provided.

Type of Team	Jurisdiction Capability	Receives Mutual Aid	Provides Mutual Aid	Number of Teams	Number of Personnel per Team
HazMat	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Decontamination Teams	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
SWAT	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Bomb Squad	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Technical Rescue	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Urban Search & Rescue	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Heavy Rescue	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
MMRS	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Public Health Team	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		

TECHNICAL ASSISTANCE – ORGANIZATION

This worksheet should be completed in conjunction with Section 4: “Technical Assistance Input—Organization” on page 50 of the Jurisdiction Handbook.

- Step 1** Select the TA that would benefit your jurisdiction or describe the specific assistance desired in the “Other Technical Assistance Description” text box provided. If the “Other Technical Assistance Description” text box is used, it will be important that the jurisdiction fully describe the assistance desired.
- Step 2** Determine what disciplines will require the selected TA. If other disciplines require TA, enter them using the “Other” category and describe in the comments section.
- Step 3** Project the frequency of TA deliveries desired by the jurisdiction by selecting one of the following: once/six months, annually, once/two-years, once/three-years, once/four-years, once/five-years.
- Step 4** The jurisdiction may document their priority for receiving specific TA, if desired.

TECHNICAL ASSISTANCE-ORGANIZATION

Type of Technical Assistance	
<input type="checkbox"/>	Identify Additional Response Team Staffing
<input type="checkbox"/>	Identify Response Team Equipment
<input type="checkbox"/>	Identify Additional Response Team Staffing Needs
<input type="checkbox"/>	Develop Additional Response Team Protocols
<input type="checkbox"/>	Other Technical Assistance Description
Participating Disciplines	<input type="checkbox"/> Law Enforcement <input type="checkbox"/> Emergency Medical Services <input type="checkbox"/> Emergency Management <input type="checkbox"/> Fire Service <input type="checkbox"/> HazMat <input type="checkbox"/> Public Works <input type="checkbox"/> Governmental Administrative <input type="checkbox"/> Public Safety Communications <input type="checkbox"/> Healthcare <input type="checkbox"/> Public Health <input type="checkbox"/> Other (Describe in comments)
Other Discipline Comments	
Frequency of Delivery	
Priority for Delivery	

NEEDS ASSESSMENT - EQUIPMENT

This worksheet should be completed in conjunction with Section 4: “Needs Assessment—Equipment” on page 52 of the Jurisdiction Handbook.

Step 1 Select the category of equipment needed by the jurisdiction.

Step 2 Select the equipment type needed by the jurisdiction. Items included in the ODP Authorized Equipment List (AEL) and that may be purchased with ODP equipment grant funding are denoted by an asterisk.



Note

NOTE: If the equipment you intended to select has not been included in the AEL, it can still be selected as needed equipment by the jurisdiction.

If the equipment type needed by the jurisdiction is not listed, the jurisdiction may add specific equipment needs in the blank spaces at the end of each section.

Step 3 Select the discipline(s) that require equipment.

Step 4 Using the equipment type selected, designate the amount of equipment each discipline should have on-hand.

Step 5 Using the equipment type selected, designate the amount of equipment currently on-hand or on order. Place this number in the column titled “Current On-Hand.”

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
PPE Equipment for use as appropriate with all protection levels										
* Air-Line System with 15 minute escape SCBA										
* Approved Chemical Resistant Tape										
* Chemical/Biological Protective Undergarment (fire resistant optional)										
* Closed-Circuit Rebreather (minimum 2-hour supply preferred)										
* Hardhat/Helmet										
* HAZMAT gear bag/box										
* Open-Circuit SCBA										
* Personal Cooling System; Vest or Full Suit with support equipment needed for maintaining body core temperature within acceptable limits.										
Vest										
Full Suit										
* SCBA Service Repair Kits										

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
Personal Protective Equipment (PPE): Equipment that is worn to protect the individual from hazardous materials and contamination. Protection may vary and is divided into four levels based on the degree of protection afforded.																					
*	Spare Cylinder for SCBA																				
*	Spare Cylinders/ Bottles for rebreathers																				
*	Inner Gloves																				
Level A																					
*	Chemical Resistant Boots, Steel or Fiberglass Toe and Shank (Level A)																				
*	Chemical Resistant Gloves, including thermal as appropriate to hazard (Level A)																				
*	Chemical Resistant Outer Booties (Level A)																				
*	Level A Fully Encapsulated Liquid and vapor Ensemble, reusable or disposable (tested and certified against CB threats)																				
*	Level A Fully Encapsulated Training Suits																				
*	Testing Equipment for fully encapsulated suits																				
Level B																					

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H	
		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H	
Personal Protective Equipment (PPE): Equipment that is worn to protect the individual from hazardous materials and contamination. Protection may vary and is divided into four levels based on the degree of protection afforded.																					
*	Chemical Resistant Boots, Steel or Fiberglass Toe and Shank (Level B)																				
*	Chemical Resistant Gloves, including thermal as appropriate to hazard (Level B)																				
*	Chemical Resistant Outer Booties (Level B)																				
*	Liquid Splash Resistant Hood (Level B)																				
*	Liquid Splash Resistant Chemical Clothing, encapsulated or non-encapsulated (Level B)																				
Level C																					
*	Tight-fitting, Full Face piece, Powered Air Purifying Respirator (PAPR) or PAPR with chemically resistant hood with appropriate cartridge(s) or canister(s) and high-efficiency filter(s) for protection against toxic industrial chemicals, particulates, and military specific agents.																				
*	Chemical Resistant Boots, Steel or Fiberglass Toe and Shank (Level C)																				
*	Chemical Resistant Gloves, including thermal as appropriate to hazard (Level C)																				
*	Chemical Resistant Outer Booties (Level C)																				

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
Personal Protective Equipment (PPE): Equipment that is worn to protect the individual from hazardous materials and contamination. Protection may vary and is divided into four levels based on the degree of protection afforded.		Liquid Chemical Splash Resistant Clothing (permeable or non-permeable) (Level C)																			
*																					
*		Liquid Chemical Splash Resistant Hood (permeable or non-permeable) (Level C)																			
*		Equipment or System Batteries including rechargeable (e.g. NiCad) or non-rechargeable with extended shelf life (e.g. Lithium)																			
*		Tight-fitting, Full Face piece, Negative Pressure Air Purifying Respirator with the appropriate cartridge(s) or canister(s) and P100 filter(s) for protection against toxic industrial chemicals, particulates, and military specific agents.																			
Level D																					
*		Escape mask for self-rescue																			

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
<u>Operational Equipment</u>	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H
Farm Chemicals Handbook, Meister Publishing										
First Responder's Guide to Agriculture Chemicals Accidents, Foden-Weddell										
NIOSH Pocket Guide to Chemical Hazards										
GATX Tank Car Manual, GATX										
Hawley's Condensed Chemical Dictionary, Sax & Lewis										
Sittig's Handbook of Toxic and Hazardous Chemicals and Carcinogens										
TLVs and BEI's Guidebook, ACGIH										
Quick Selection Guide to Chemical Protective Clothing										
Matheson Gas Data Book, Matheson										
Effects of Exposure to Toxic Gases, First Aid and Medical Treatment, Matheson										
Hazardous Material Injuries, Stutz										
Emergency Care for Hazardous Materials Exposure, Bronstein										

Equipment Type <u>Operational Equipment</u>	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
	Current O/H									
	Should be O/H									
Clinical Toxicology of Commercial Products										
Joint Information Center (JIC) Manual										
Household Chemicals and Emergency First Aid										
Gardner's Chemical Synonyms and Trade Names										
Gloves Plus										
Medical Management of Biological Casualties Handbook										
Medical Management of Chemical Casualties Handbook										
Medical Management of Radiological Casualties Handbook										
* Jane's Chemical/Biological Handbook										
Tempest CB-FRG (Chem-Bio) First Responder Guidebook										
Tempest Chem-Bio Frequently Asked Questions (CB-FAQ)										
Tomes Plus										

Equipment Type		LE	EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
			Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
<u>Operational Equipment</u>																				
	Transport of Radiological Materials: Q&A About Incident																			
	International Edition, Symbol Seeker, Hazardous Identification																			
	Management of Chemical Warfare Casualties, Sidell																			
*	NFPA Guide to Hazardous Materials																			
*	NIOSH Hazardous Materials Pocket Guide																			
*	First Responder Job Aids																			
Equipment																				
	Green Line/Red Line Battery activated marking system or appropriate substitute																			
	Boundary Marking Tape: YELLOW-Caution, RED-Danger, Incident specific (i.e. radiological, biological, chemical)																			
	Equipment or System Batteries will include those that are rechargeable with extended shelf life or non-rechargeable with extended shelf life																			
	Restricted Access and Caution Warning Signs																			
	Trauma-type First Aid Kit																			

Equipment Type <u>Operational Equipment</u>	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
	Current O/H									
	Should be O/H									
Emergency Eye Wash										
Timer or Stopwatch										
Safety Harness with 150' dry line retrieval ropes 12.7 mm										
Locking Carabineers										
ABC Fire Extinguisher										
Class D Fire Extinguisher										
Hand Lights, explosive-proof										
Air Compressors suitable for refilling self- contained breathing apparatus (SCBA or operator air-supplied respirators)										
Generator										
Electric Cord Reels										
Copper Grounding Rods, 34" x 6' (minimum length) with slide										
Grounding Cables, point-type clamps on both ends, 18" steel (uninsulated) 50' minimum										

Needs Assessment - Equipment

Equipment Type <u>Operational Equipment</u>	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
	Current O/H									
	Should be O/H									
Multi-Meter, electrical, intrinsically safe										
Mask Leak/Fit Tester										
Backless Stools										
Ground Resistance Tester										
Traffic Safety Vests										
Coveralls (Nomex or Tyvek optional)										
Explosive-proof Exhaust Fans										
Magaphone/Public Address System										
Rapid Deployment Hardwall or Softwall shelter systems and Control, Triage, etc.										
Environmental Control System for Shelter Systems										
Collective Protective Systems for Shelters										
Litter Decontamination Mass Casualty										
Field Cart										
Commercial Vehicles with Run-Flat tires: Vans, SUVs and Trucks for personnel transportation										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
<u>Operational Equipment</u>										
Mobile WMD Command Center										
General Purpose Freezer/Refrigerator										
Helmet Mounted Lighting System										
Portable Area Illumination										
Water Trailers/Source (potable and nonpotable)										
Heat Stress Monitor (ambient and personal)										
Hazardous Material Shipping Containers										
Vehicle and Equipment Maintenance Packages										
Housing, Subsistence and Sanitation (Field Support) for Forces										
Overpacks										
Miscellaneous Non-sparking Tool Kit, to include bung and spanner wrenches										
Chemical Leak Control Kits										
Portable Air Cylinder Carts										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
<u>Operational Equipment</u>	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H
	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H
Equipment Bags										
Modular Back Packs										
Duty Gear and Modular Load Bearing Systems/Operational										
Handheld Illumination										
Medical Casualty Bags, CDC Standard										
Optics: Thermal Imaging and/or Light Amplification										
Individual Sleeping Systems: Bags and Bivys										
Storage Containers										
Evidence Bags										
Lock Out /Tag Out Systems										
Binoculars										
Capture and Containment System										
Tactical Body Armor										
Operation Area Personnel Tracking and Accountability System										

PH	Current O/H											
	Should be O/H											
HC	Current O/H											
	Should be O/H											
PSC	Current O/H											
	Should be O/H											
GA	Current O/H											
	Should be O/H											
PW	Current O/H											
	Should be O/H											
HZ	Current O/H											
	Should be O/H											
FS	Current O/H											
	Should be O/H											
EMA	Current O/H											
	Should be O/H											
EMS	Current O/H											
	Should be O/H											
LE	Current O/H											
	Should be O/H											
Equipment Type <u>Operational Equipment</u>												
		Access Control and Badge System										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Explosive Device Mitigation and Remediation: This list is not all-inclusive, but is intended to be a reference for Public Safety Bomb Squads to select the appropriate equipment for response to a WMD incident. Quantities and specific type items must be determined by the local agency.	Current O/H									
	Should be O/H									
Additional cylinders for RPS										
Adhesive Tape										
Air Purifying Respirators (APR) with Chem/bio filters										
* Ballistic Threat Body Armor (not for riot suppression)										
* Ballistic Threat Helmet (not for riot suppression)										
Battery Operated Tools										
Battery Tester										
* Blast and Ballistic Threat Eye Protection (not for riot suppression)										
* Blast and Overpressure Threat Ear Protection (not for riot suppression)										
* Bomb Search Protective Ensemble for Chemical/Biological Response										
* Chemical/Biological Protective Undergarment for Bomb Search Protective Ensemble										
* Cooling Garments to manage heat stress										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
Explosive Device Mitigation and Remediation: This list is not all-inclusive, but is intended to be a reference for Public Safety Bomb Squads to select the appropriate equipment for response to a WMD incident. Quantities and specific type items must be determined by the local agency.										
* De-armor/Disrupter										
Drill Bits										
Electric Hand Tools										
Electric Stethoscope, Stethoscope										
End Cap Remover										
Explosive Tools (including but not limited to boothanger, shape charges, MWB disrupters, etc.)										
Explosive-Proof Flashlight										
Extra Cassettes for X-Ray										
Extra X-Ray Intensifying Plates										
* Fiber Optic Kit (inspection or viewing)										
* Fire Resistant Gloves										
First Aid Kit										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Explosive Device Mitigation and Remediation: This list is not all-inclusive, but is intended to be a reference for Public Safety Bomb Squads to select the appropriate equipment for response to a WMD incident. Quantities and specific type items must be determined by the local agency.	Current O/H									
	Should be O/H									
Grappaling and Treble Hooks										
Hand Tools										
Handsaws										
* Inspection Mirrors										
* Ion Track Explosive Detector										
Metal Detector										
Mirrors										
Multi-Tester										
Night Vision Glasses/Goggles										
Non-conductive Probes										
Non-Sparking Tool Kit										
Pipe Bomb Disabling Tool										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH			
											Current O/H	Should be O/H	
Explosive Device Mitigation and Remediation: This list is not all-inclusive, but is intended to be a reference for Public Safety Bomb Squads to select the appropriate equipment for response to a WMD incident. Quantities and specific type items must be determined by the local agency.													
Pneumatic Tools													
Portable Explosive Magazines													
Portable Generator													
Portable X-Ray Unit	*												
Post Blast Investigation Equipment													
Real Time X-Ray Unit	*												
Remote Opening Tools													
Respiratory Protective Equipment with individual face piece													
Rigging and Rope Equipment													
Robot	*												
Robot Upgrades	*												
Scalpels and Knives with Additional Blades													

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Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
<u>CBRNE Search & Rescue Equipment:</u>										
*	Breaking devices (including spreaders, saws, and hammers)									
*	Lifting devices (including air bag systems and hydraulic rams and jacks)									
*	Listening Devices									
*	Search cameras (including thermal imaging)									
*	Listening devices; hearing protection									
*	Evacuation chairs (for evacuation of disabled personnel)									
*	Ventilation fans									

Needs Assessment - Equipment

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
Interoperable Communications Equipment: Equipment and systems providing connectivity and electrical interoperability between local/interagency organizations to coordinate WMD response operation.																					
	Bull Horn																				
*	Commercially available crisis management software																				
*	Computer systems designed for use in an integrated system to assist with detection and communication efforts (must be linked with integrated software packages designed specifically for chemical and/or biological agent detection and communication purposes)																				
	Digital Camera																				
	Hardwired Communications Link																				
*	Land Mobile, Two-Way In-Suit Communications (secure, hands-free, fully duplex, optional)																				
	Laptop Computers with Modem, CD-ROM																				
	Multi-Channel Radios (Encrypted)																				
*	Personnel Accountability Systems																				
*	Personnel Alert Safety System (PASS) -- (location and physiological monitoring systems optional)																				

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Interoperable Communications Equipment: Equipment and systems providing connectivity and electrical interoperability between local/interagency organizations to coordinate WMD response operation.	Current O/H									
	Should be O/H									
Portable FAX										
Portable Flat Bed Scanner										
Portable Generators										
Portable Global Positioning System (GPS)										
Portable Meteorological Station (monitors temperature, wind speed, wind direction, and barometric pressure at a minimum)	*									
Portable Tape Recorder										
Public Alert/Notification										
Radio Interconnect System	*									
Satellite Phone	*									
Multi-Unit Battery Chargers	*									
Single Unit Battery Charger	*									
Battery Conditioning System	*									

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Interoperable Communications Equipment: Equipment and systems providing connectivity and electrical interoperability between local/interagency organizations to coordinate WMD response operation.										Current O/H
										Should be O/H
*										
*										
*										
*										
*										
*										
*										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
Detection Equipment: Equipment to sample, detect, identify, quantify, and monitor for WMD agents (Chemical, Biological, Radiological, and Explosive) and/or toxic industrial chemical contamination throughout designated areas or at specific points, and those items to support detection activities.										
	*									
	*									
	*									
	*									
	*									
	*									
	*									
	*									
Chemical										
Chemical Agent Monitors										
Chemical Classifying Kits for unknown liquids, solids, and vapors										
Chemical Field Test Kits										
Colorimetric tube/chip kit specific for TICs and WMD applications										
Flame Ionization Detector (FID)										
Gas Chromatograph/Mass Spectrometer (GC/MS)										
Hazard Categorizing (HAZCAT) Kits										
Ion mobility spectrometry										
Leak detectors (soap solution, ammonium hydroxide, etc.)										
M-18 Series chemical agent detector kit for surface/vapor chemical agent analysis										
M-256 Detection Kit for chemical agent (weapons grade-blister: CX/HD/L blood: AC/CK; and nerve GB/VX detection)										

Equipment Type		LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Detection Equipment: Equipment to sample, detect, identify, quantify, and monitor for WMD agents (Chemical, Biological, Radiological, and Explosive) and/or toxic industrial chemical contamination throughout designated areas or at specific points, and those items to support detection activities.		Current O/H									
		Should be O/H									
Radiological											
*	Stand-off chemical detector										
*	Surface Acoustic Wave Detector										
*	Waste water classifier										
*	Radiation detection equipment (electronic or other technology that detects alpha, beta or gamma, and high intensity gamma)										
*	Personal dosimeter										
*	Scintillation Fluid (radiological) pre-packaged 4L										
*	Radiation Monitors										
	Radiation Pagers										
Biological											
	Biological Agent Monitors										
	Biological Field Test Kits										
	Laboratory Analysis – ELISA System										

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
	Detection Equipment: Equipment to sample, detect, identify, quantify, and monitor for WMD agents (Chemical, Biological, Radiological, and Explosive) and/or toxic industrial chemical contamination throughout designated areas or at specific points, and those items to support detection activities.		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H
			Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H
	Laboratory Analysis-PCR																				
*	Point detection systems/kits (immunoassay or other technology)																				
	Explosive																				
*	Canines (initial acquisition, initial operational capability only)																				
	Support																				
	Squirt Bottle																				
	Distilled Water																				
	Ammonia for chlorine detection																				
	Heat Sensor – Infrared																				
	Surface Thermometer																				
	Drum Thieves																				
	Grab Sampling Tubes																				
	Plastic or Brass Scoops and Trowels																				

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
Detection Equipment: Equipment to sample, detect, identify, quantify, and monitor for WMD agents (Chemical, Biological, Radiological, and Explosive) and/or toxic industrial chemical contamination throughout designated areas or at specific points, and those items to support detection activities.																					
	Sample Jars																				
	Glass or Plastic Pipettes with aspiration bulb																				
	Tweezers																				
	Containment Vessels																				
	Biological Automated perimeter sampling systems																				
	Biological Batch Sampling System																				
	Biological Continuous Sampling System																				
	Biological Portable air sampler																				
	Liquid Chemical Sampling/Evidence kits																				
	Solid Chemical Sampling/Evidence kits																				
	Air/Vapor Chemical Sampling/Evidence kits																				

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Decontamination Equipment: Equipment and material used to clean, remediate, remove or mitigate chemical, biological, or radiological contamination	Current O/H									
	Should be O/H									
5-gallon Buckets										
Backless Stools										
Boundary Marking System										
Brushes										
Casualty and Personal Property Tracking System										
Clothing Removal Devices (scissors, razor blades, etc.)										
Containment Basins – Vehicle and personnel-sized										
CW-hardened disposable Personal Property Bags										
Decontamination Corridor Ground Cover										
Decontamination Litters/roller systems										
Decontamination Applicator and available solutions for equipment										
Decontamination Applicator and available solutions for personnel										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Decontamination Equipment: Equipment and material used to clean, remediate, remove or mitigate chemical, biological, or radiological contamination	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H
	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H
Decontamination Trailer – Multi-water source and Prime Mover										
Disposable Modesty Clothing with footwear (adult and child sizes)										
Disposable Space Blankets										
Disposable Towels										
Drum Liners										
Equipment Decontamination kit										
Folding Tables										
Garden Hose with nozzles										
Hand-operated Diaphragm Pumps with hoses										
Patient Isolation Bags										
Personal Decontamination Packets or Kits										
Pressurized Sprayers										

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H	
Decontamination Equipment: Equipment and material used to clean, remediate, remove or mitigate chemical, biological, or radiological contamination		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H	
	Sponges																				
	Traffic Cones and Directional Signage in multiple languages or pictographs																				
	Transportation and Shipping Containers for contaminated clothing and equipment																				
Chemical																					
*	Decontamination shower waste collection with intrinsically safe evacuation pumps																				
*	Decontamination system for individual and mass application with environmental controls, water heating systems, showers, lighting, and transportation (trailer),																				
*	Decon litters/roller systems																				
*	Extraction litters (rollable)																				
*	Non-transparent cadaver bags (CDC standard)																				
*	Overpack drums																				
*	Run-off containment bladder(s)																				

Equipment Type		LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
		Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
Surveillance, Warning, Access/Intrusion Control											
Ground											
*	Alarm systems										
*	Barriers, fences, jersey walls										
*	Impact resistant doors and gates										
*	Vehicle identification: visual, electronic, acoustic, laser, radar										
*	Magnetometers										
*	Motion detector systems: acoustic, infrared, seismic, magnetometers										
*	Personnel identification visual: electronic, acoustic, laser, scanners, ciphers/codes										
*	Portal systems										
*	Video Assessment/Cameras: standard low light, IR, automated detection										
*	X-Ray Units										

Equipment Type		LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
		Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
Physical Security Enhancement Equipment											
Waterfront											
*	Diver/Swimmer detection systems, sonar										
*	Hull scanning equipment										
*	Impact resistant doors and gates										
*	Portal systems										
*	Radar systems										
*	Video Assessment/Cameras: standard low light, IR, automated detection										
Sensors – Agent/Explosives Detection											
*	Biological: Active/Passive, Mobile/Fixed, Handheld										
*	Chemical: Active/Passive, Mobile/Fixed, Handheld										
*	Ground/Wall penetrating radar										
*	Nuclear										
*	Radiological										

Equipment Type		LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
		Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
Physical Security Enhancement Equipment											
Inspection/Detection Systems											
*	Mobile search & inspection system--X-Ray										
*	Non-invasive radiological/chemical/biological explosives systems--pulsed neutron activation										
*	Vehicle & cargo inspection system--gamma ray										
Explosion Protection											
*	Blast/shock/impact resistant systems										
*	Column and surface wraps, breakage/shatter resistant glass, window wraps, robotic disarm/disable systems										
*	Protective clothing										
*	Robotic Disarm/Disable Systems										

	PH	Current O/H											
		Should be O/H											
	HC	Current O/H											
		Should be O/H											
	PSC	Current O/H											
		Should be O/H											
	GA	Current O/H											
		Should be O/H											
	PW	Current O/H											
		Should be O/H											
	HZ	Current O/H											
		Should be O/H											
	FS	Current O/H											
		Should be O/H											
	EMA	Current O/H											
		Should be O/H											
	EMS	Current O/H											
		Should be O/H											
	LE	Current O/H											
		Should be O/H											
Equipment Type <u>Terrorism Incident Prevention</u> <u>Equipment:</u>													
			*	Data collection/information gathering software									
			*	Data synthesis software									
			*	Geographic Information System information technology and software									
			*	Law enforcement surveillance equipment									

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
<u>CBRNE Logistical Support Equipment:</u>										
*	Equipment trailers									
*	Weather-tight containers for equipment storage									
*	Software for equipment tracking and inventory									
*	Handheld computers for Emergency Response applications									
*	Equipment harnesses, belts, and vests									
*	Isolation containers for suspected chemical/biological samples									
*	Bull horns									
*	Water pumps for decontamination systems									
*	Bar code scanner/reader for equipment inventory control									
*	Badging system equipment and supplies									
*	Cascade system for refilling SCBA oxygen bottles									
*	SCBA fit test equipment and software to conduct flow testing									
*	Testing Equipment for fully encapsulated suits									

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
<u>CBRNE Incident Response Vehicles:</u>	Current O/H									
	Should be O/H									
* Mobile command post vehicles										
* Hazardous materials (HazMat) response vehicles										
* Bomb response vehicles										
* Prime movers for equipment trailers										
* 2-wheel personal transport vehicles for transporting fully suited bomb technicians, Level A/B suited technicians to the Hot Zone										
* Multi-wheeled all terrain vehicles for transporting personnel and equipment to and from the Hot Zone										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.										Current O/H
										Should be O/H
*										
21 ga 1/2" needles (for syringes)										
*										
26 ga 1 1/2" needles (for syringes)										
Alcohol Prep Pads										
*										
Automatic biphasic external defibrillators										
Bags, Biohazard										
Bandage – Elastic (assorted sizes)										
Bandage, Triangular										
Bretylium Tosylate										
Brush, Betadine										

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Betadine Applicators (Providone iodine)																			
		Biohazard Bag																			
*	Bite Block																				
		Blood Pressure Cuffs																			
	Blood Pressure Set (infant, pediatric, and adult)																				
		Blood Pressure Set – Leg (adult)																			
	Catheters (for airway)																				
		Charcoal, Activated																			
	Chest Tubes																				
		CO ₂ Detection devices for O ₂ System																			
*	Eye lens for lavage or continuous medication																				

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	IV Extention Set																			
		IV Pressure Infusion Bag 1000cc (Disposable)																			
		IV Set – Butterfly																			
		Laryngoscope Blade (assorted sizes) – Miller and Macintosh																			
		Laryngoscope Handle																			
*		Manual biphasic defibrillators																			
*		Morgan eye shields																			
*		Nasal cannula																			
*		Nasogastric tubes																			
		Nasopharyngeal Airway (assorted sizes)																			
		Nebulizer – Handheld																			
		Needle (assorted gauges)																			

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Current O/H									
	Should be O/H									
Needle – Intraosseous	Current O/H									
	Should be O/H									
Obstetrical Kit	Current O/H									
	Should be O/H									
*	Current O/H									
	Should be O/H									
Otoscope/Ophthalmoscope	Current O/H									
	Should be O/H									
*	Current O/H									
	Should be O/H									
*	Current O/H									
	Should be O/H									
Oxygen Mask – Non-rebreather (adult, pediatric)	Current O/H									
	Should be O/H									
*	Current O/H									
	Should be O/H									
Oxygen Tank Wrench	Current O/H									
	Should be O/H									
*	Current O/H									
	Should be O/H									
Pack – Thomas	Current O/H									
	Should be O/H									
*	Current O/H									
	Should be O/H									
Portable ventilators	Current O/H									
	Should be O/H									

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	*	Pulmonary Fit Tester																			
		Pulse Oximeter with Soft Case																			
		Shears – Trauma/Medic																			
		Shield – Eye Irrigation Lens																			
		Splint – SAMM																			
	*	Sterile and Non-Sterile dressings, all forms and sizes																			
	*	Stethoscope																			
	*	Suction Kit																			
	*	Suction Unit – Battery Operated with Battery Charger and Batteries																			
		Surgical Mask with Eye Shield																			
		Suture Kit – 7" Needle Holder																			
		Suture Kit – Disposable																			

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Current O/H									
	Should be O/H									
Suture Kit – Laceration Tray										
Suture Kite – Wound										
Suture (assorted kinds and sizes)										
* Syringes (3cc and 10cc)										
Syringe – Tubex Injector Device										
Tape – Adhesive (assorted sizes)										
Tape – Cloth (assorted sizes)										
Telfa Adhesive Pad										
Tongue Depressor										
Tourniquet – Disposable										
* Triage Tags and Tarps										
* Veniflow Manifold										

Equipment Type		LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
		Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.											
Medical Equipment											
	Backboard - Disposable										
*	Bag Valve Mask – Disposable (adult & pediatric rescue)										
	Bags – Victim Possession (25/case)										
	Bags - Biohazard										
	Bags – Body (heavy-duty)										
	Battery Tester – 12 volt										
	Batteries (assorted sizes)										
	Bed sheets – Disposable										
	Biohazard Bag										
	Blanket – Disposable Emergency										
	Bleach – 5%										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Current O/H									
	Should be O/H									
Debridement Kits										
Defibrillator with 12-lead ECG adapter										
Defibrillator – AC auxiliary power supply										
Defibrillator Battery Support System										
Defibrillator External Pediatric Paddle										
Defibrillator/Monitor/Pacemaker										
Digital Thermometer										
Dressing – Adhesive (Sterile)										
Dressing – Sterile (assorted sizes)										
* Endotracheal Tube – Adult & pediatric										
* Endotracheal Tube Stylette – Adult & pediatric										
Faceshield - Chemical										

Equipment Type		LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.		Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H
		Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H
	Electrolyte Replacement Fluid										
	Disposable Wipes										
	Sheets - Disposable										
	Towels – Cotton (disposable)										
Pharmaceuticals											
*	2Pam Chloride										
*	Adenosine 5 gm										
*	Adenosine 25 gm										
*	Adenosine 10 gm										
*	Albuterol sulfate .083% - INJ 3 ml 25s UD										
*	Albuterol MDI 3 ml										
	Amyl Nitrite										
*	Atropine Sulfate - Vial 0.4 mg/ml 1 ml 25s										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.										Current O/H
										Should be O/H
*	Atropine Sulfate - Vial 0.4 mg/ml 1 ml 100s									
*	Atropine Auto Injectors									
	Atrovent									
	Bactrim									
	Benzathine penicillin									
*	Benadryl – Vial 50 mg/ml 1 ml 10s									
*	CANA Auto Injectors									
*	Calcium Chloride – Vial 100 mg/ml 10 ml 10s									
*	Calcium Gluconate – vial 100 mg/ml 10 ml 10s									
*	Ciprofloxin TAB 250 mg 100s									
*	Ciprofloxin TAB 500 mg 100s									
*	Ciprofloxin TAB 750 mg 100s									

Equipment Type		LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.		Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H
		Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H
	*	Cyanide Antidote Kits									
		Diazepam, 10mg vial for injection									
		Digoxin									
		Diphenhydramine									
	*	Dextrose INJ 5% 100 ml 25s									
	*	Dextrose INJ 10% 500 ml									
	*	Dopamine Hydrochloride - Vial 40 mg/ml 5 ml 25s									
		Doxicillin									
	*	Doxycycline - TAB 100 mg 500s									
	*	Epinephrine 1:1,000 1 mg/ml 30cc syringe									
	*	Epinephrine 1:10,000 2 lg syringe									
		Fortaz (Ceftazidime)									

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Current O/H									
	Should be O/H									
* Loperamide – CAP 2 mg 100s										
* Magnesium Sulfate – INJ 500 mg/ml 2 ml 100s										
Mark 1 Auto-Injector										
* Methylprednisolone 4 mg BH/2 lg										
Morphine Sulfate										
* Narcan – INJ 10 mg/ml 1 ml 10s										
Nifedipine										
* Nitroglycerin - CER 2.5 mg 100s										
Nitroglycerin for injection										
* Normal Saline – INJ 0.9% 10 ml										
* Nubain – INJ 10 mg/ml 10 ml										
PCN/Bezathine										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.										Current O/H
										Should be O/H
Phenytoin										
Polysporin Ointment										
Potassium Chloride										
Potassium Iodide tablet										
Pralidoxime Chloride – (2-PAM/Protopam)										
Procardia (Nifedipine)										
Rifampin capsule										
Saline										
* Silver Sulfadiazine – CRE 1% 400 gm										
* Sodium Bicarbonate – INJ 7.5% 50 ml 10s										
Solu-Medrol (Methylpred)										
* Sterile Water – 1000 ml USP										

Equipment Type		LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
		Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.		Streptomycin									
		Tenormin (Atenolol)									
	*	Tetracaine POW 100 gm									
		Theophylline									
	*	Thiamine INJ 100 mg/ml 1 ml 10s									
		Toradol (Ketorolac)									
	*	Valium vial 5 mg/ml 10 ml									
		Vanceril (Beclomethasone)									
	*	Verapamil vial 2.5 mg/ml 4 ml 10s									

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH	Current O/H			
											Should be O/H			
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.														

Priority for Procurement	

TECHNICAL ASSISTANCE – EQUIPMENT

This worksheet should be completed in conjunction with Section 4: “Technical Assistance Input—Equipment” on page 56 of the Jurisdiction Handbook.

- Step 1** Select the TA that would benefit your jurisdiction or describe the specific assistance desired in the “Other Technical Assistance Description” text box provided. If the “Other Technical Assistance Description” text box is used, it will be important that the jurisdiction fully describe the assistance desired.
- Step 2** Determine what disciplines will require the selected TA.
- Step 3** Project the frequency of TA deliveries desired by the jurisdiction by selecting one of the following: once/six months, annually, once/two-years, once/three-years, once/four-years, once/five-years.

TECHNICAL ASSISTANCE—EQUIPMENT

Type of Technical Assistance	
<input type="checkbox"/>	Maintenance and Calibration for Specific Equipment
<input type="checkbox"/>	Use of Chemical Protective Clothing
<input type="checkbox"/>	Use of Equipment
<input type="checkbox"/>	Establish Standardized Equipment Lists
<input type="checkbox"/>	Identifying Interoperability Needs
<input type="checkbox"/>	Develop Specialized Equipment Capabilities for TEW Group
<input type="checkbox"/>	Identify Interoperable Communication Requirements for TEW Group
<input type="checkbox"/>	Other Technical Assistance Description
Participating Disciplines	<input type="checkbox"/> Law Enforcement <input type="checkbox"/> Emergency Medical Services <input type="checkbox"/> Emergency Management <input type="checkbox"/> Fire Service <input type="checkbox"/> HazMat <input type="checkbox"/> Public Works <input type="checkbox"/> Governmental Administrative <input type="checkbox"/> Public Safety Communications <input type="checkbox"/> Healthcare <input type="checkbox"/> Public Health
Frequency of Delivery	

This worksheet should be completed in conjunction with Section 4: “Research and Development ” on page 58 of the Jurisdiction Handbook

The jurisdiction should consider their list of potential targets developed during the vulnerability assessment. From the information collected, identify the capabilities your emergency responders most urgently need. Do not identify deficiencies caused from the lack of currently available equipment, but rather shortfalls caused because there is no effective product or technology available. The following are examples of R&D:

- The capability to quickly, and from a safe distance, detect explosives contained within vehicles prior to entering a tunnel.
- The capability to perform real-time detection, identification, and measurement of all biological agents.

TECHNOLOGY NEEDS STATEMENT

Comment on capability shortfalls found during the equipment assessment process. Remember, R&D does not cover personnel shortfalls.

The next portion of this section deals with jurisdiction recommendations for funding allocations at the federal level to existing R&D currently under way. Using the table below review all R&D efforts and determine those your jurisdiction would fund before others by distributing a percentage of effort to those selected. Your selection should add up to no more than a total of 100%. It is not necessary to address all R&D efforts. Only those R&D efforts your jurisdiction deems worthy of funding need be selected.

R&D FUNDING RECOMMENDATIONS

Personal Protective Equipment (PPE)	
Personal Protection	
Decontamination	
Collective Protection	
Physical Security	
Detection, Identification, and Measurement of Chemical Agents	
Detection and Measurement of Radiological Agents	
Detection, Identification, and Measurement of Biological Agents	
Recognition and Characterization of Covert Biological Agents	
Explosive Detection	
CBR Device Disablement and Disposal	
Modeling, Simulation, and Information Management Tools	
Tactical Operations Support	
Improvised Device Defeat	
Search and Rescue	
Medical Therapeutics and Vaccines	
Psychological Effects	
Other:	
Other:	
Total Percent Allocated	

NEEDS ASSESSMENT – TRAINING

This worksheet should be completed in conjunction with Section 4: “Needs Assessment—Training” on page 63 of the Jurisdiction Handbook.

- Step 1** For each emergency response discipline, the jurisdiction should enter the total number of response personnel. This number should represent only emergency response personnel that reside within the jurisdiction.
- Step 2** The jurisdiction should next list the number of emergency responders that should be trained to the particular WMD training level.
- Step 3** The jurisdiction should next enter the total number of emergency responders within the discipline who are currently trained at the WMD training level.
- Step 4** The final step is to calculate number of emergency responders who are not WMD trained to the desired level.

	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Total Number of Personnel in Discipline										
Awareness										
Number of Personnel who should be WMD trained										
Number WMD Trained										
Number Not WMD Training										
Performance (Defensive)										
Number of Personnel who should be WMD trained										
Number WMD Trained										
Number Not WMD Trained										
Performance (Offensive)										
Number of Personnel who should be WMD trained										
Number WMD Trained										
Number Not WMD Trained										
Plannind/Management										
Number of Personnel who should be WMD trained										
Number WMD Trained										
Number Not WMD Trained										

EMERGENCY RESPONSE TRAINING LOCATIONS AND VENUES

This worksheet should be completed in conjunction with Section 4: “Emergency Response Training Locations or Venues” on page 67 of the Jurisdiction Handbook.

Jurisdiction Location or Venue Name	Disciplines Trained									
	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH

The next step in the process is to document those jurisdiction locations and venues where training for emergency responders is conducted.

In this section the jurisdiction working group should perform the following tasks:

- Enter the specific facility name for each training location or venue within the jurisdiction.
- Indicate those disciplines that can receive WMD training from these locations or venues.

List only those facilities that the jurisdiction utilizes as training locations. State facilities should not be listed.

TECHNICAL ASSISTANCE – TRAINING

This worksheet should be completed in conjunction with Section 4: “Technical Assistance Input—Training” on page 68 of the Jurisdiction Handbook.

- Step 1** Select the TA that would benefit your jurisdiction or describe the specific assistance desired in the “Other Technical Assistance Description” text box provided. If the “Other Technical Assistance Description” text box is used, it will be important that the jurisdiction fully describe the assistance desired.
- Step 2** Determine what disciplines will require the selected TA.
- Step 3** Project the frequency of TA deliveries desired by the jurisdiction by selecting one of the following: once/six months, annually, once/two-years, once/three-years, once/four-years, once/five-years.

TECHNICAL ASSISTANCE—TRAINING

Type of Technical Assistance	
<input type="checkbox"/>	Determining Training Needs
<input type="checkbox"/>	Evaluate locally Developed Training Courses
<input type="checkbox"/>	Identify Training Resources
<input type="checkbox"/>	Determine Training Costs
<input type="checkbox"/>	Identify Specialized Training Requirements for TEW Group
<input type="checkbox"/>	Other Technical Assistance Description
Participating Disciplines	<input type="checkbox"/> Law Enforcement <input type="checkbox"/> Emergency Medical Services <input type="checkbox"/> Emergency Management <input type="checkbox"/> Fire Service <input type="checkbox"/> HazMat <input type="checkbox"/> Public Works <input type="checkbox"/> Governmental Administrative <input type="checkbox"/> Public Safety Communications <input type="checkbox"/> Healthcare <input type="checkbox"/> Public Health
Frequency of Delivery	

NEEDS ASSESSMENT – REQUIRED EXERCISES

This worksheet should be completed in conjunction with Section 4: “Needs Assessment—Exercises” on page 70 of the Jurisdiction Handbook.

- Step 1** Enter the type of exercise required by the jurisdiction using the jurisdictions planning factors and potential incidents.
- Step 2** Enter the CBRNE hazards to be used by the jurisdiction in the exercises.
- Step 3** Enter the approximate number of participants expected to take part in the exercise.
- Step 4** Estimate a total cost associated with the execution of the exercise.
- Step 5** Determine the frequency of jurisdiction exercises required.
- Step 6** Determine which disciplines will participate in the required exercise. If other disciplines are to participate, enter them using the “Other” category and describe in the comments section.
- Step 7** Determine the scope of participation for the jurisdiction. If the exercise scope will incorporate additional jurisdictions, list those jurisdictions who will participate.

Required Exercises	
Type of Exercise	
Hazard (CBRNE)	
Number of Participants	
Total Estimated Cost	
Exercise Frequency	<input type="checkbox"/> Quarterly <input type="checkbox"/> Biannual <input type="checkbox"/> Annual <input type="checkbox"/> Other _____
Participating Disciplines	<input type="checkbox"/> Law Enforcement
	<input type="checkbox"/> Emergency Medical Services
	<input type="checkbox"/> Emergency Management
	<input type="checkbox"/> Fire Service
	<input type="checkbox"/> HazMat
	<input type="checkbox"/> Public Works
	<input type="checkbox"/> Governmental Administrative
	<input type="checkbox"/> Public Safety Communications
	<input type="checkbox"/> Healthcare
	<input type="checkbox"/> Public Health
	<input type="checkbox"/> Other (Describe in comments)
Other Discipline Comments	
Scope of Participation	<input type="checkbox"/> Local <input type="checkbox"/> Mutual Aid <input type="checkbox"/> Regional <input type="checkbox"/> State
Jurisdiction Participation	
(List only if scope was designated as “mutual aid”, “regional”, or “state”)	

CURRENT CAPABILITIES – PLANNED EXERCISES

This worksheet should be completed in conjunction with Section 4: “Current Capabilities—Planned Exercises” on page 74 of the Jurisdiction Handbook.

- Step 1** Indicate the type of exercise planned by the jurisdiction.
- Step 2** Enter the CBRNE hazard to be used during the planned exercise.
- Step 3** Project the number of participants expected to participate in the exercise.
- Step 4** Estimate a total cost associated with the planned exercise.
- Step 5** Determine the frequency of jurisdiction exercises planned.
- Step 6** Project the date for planned exercise.
- Step 7** Determine which disciplines will participate in the planned exercise. If other disciplines will participate, enter them using the “Other” category and describe in the comments section.
- Step 8** Determine the scope of participation for the jurisdiction. If the exercise scope will incorporate additional jurisdictions, list those jurisdictions who will participate.

Planned Exercises	
Type of Exercise	
Hazard (CBRNE)	
Number of Participants	
Total Estimated Cost	
Projected Date	
Exercise Frequency	<input type="checkbox"/> Quarterly <input type="checkbox"/> Biannual <input type="checkbox"/> Annual <input type="checkbox"/> Other _____
Participating Disciplines	<input type="checkbox"/> Law Enforcement
	<input type="checkbox"/> Emergency Medical Services
	<input type="checkbox"/> Emergency Management
	<input type="checkbox"/> Fire Service
	<input type="checkbox"/> HazMat
	<input type="checkbox"/> Public Works
	<input type="checkbox"/> Governmental Administrative
	<input type="checkbox"/> Public Safety Communications
	<input type="checkbox"/> Healthcare
	<input type="checkbox"/> Public Health
	<input type="checkbox"/> Other (Describe in comments)
Other Discipline Comments	
Scope of Participation	<input type="checkbox"/> Local <input type="checkbox"/> Mutual Aid <input type="checkbox"/> Regional <input type="checkbox"/> State
Jurisdiction Participation (List only if scope was designated as “mutual aid”, “regional”, or “state”)	

TECHNICAL ASSISTANCE – EXERCISES

This worksheet should be completed in conjunction with Section 4: “Technical Assistance Input—Exercises” on page 78 of the Jurisdiction Handbook.

- Step 1** Select the TA that would benefit your jurisdiction or describe the specific assistance desired in the “Other Technical Assistance Description” text box provided. If the “Other Technical Assistance Description” text box is used, it will be important that the jurisdiction fully describe the assistance desired.
- Step 2** Determine what disciplines will require the selected TA.
- Step 3** Project the frequency of TA deliveries desired by the jurisdiction by selecting one of the following: once/six months, annually, once/two-years, once/three-years, once/four-years, once/five-years

TECHNICAL ASSISTANCE—EXERCISES

Type of Technical Assistance	
<input type="checkbox"/>	Exercise Program Development
<input type="checkbox"/>	Exercise Planning
<input type="checkbox"/>	Exercise Evaluation
<input type="checkbox"/>	Other Technical Assistance Description
Participating Disciplines	<input type="checkbox"/> Law Enforcement <input type="checkbox"/> Emergency Medical Services <input type="checkbox"/> Emergency Management <input type="checkbox"/> Fire Service <input type="checkbox"/> HazMat <input type="checkbox"/> Public Works <input type="checkbox"/> Governmental Administrative <input type="checkbox"/> Public Safety Communications <input type="checkbox"/> Healthcare <input type="checkbox"/> Public Health <input type="checkbox"/> Other (Describe in comments)
Other Discipline Comments	
Frequency of Delivery	

RECOMMENDATIONS

This worksheet should be completed in conjunction with Section 5: “Recommendations” on page 85 of the Jurisdiction Handbook.

This is the last section of the on-line entry tool. During this portion of the on-line process the working group is asked to submit recommendations to both the State and ODP regarding suggestions for program improvement. Input from the jurisdiction regarding cooperative activities that should be implemented, enhanced, or changed to assist the domestic preparedness efforts in the jurisdiction would be helpful. Specific recommendations and suggestions should include those that will assist ODP with its planning, organization, equipment, training, exercise, and technical assistance programs.

JURISDICTION RECOMMENDATIONS

Note: Record recommendations with supporting justification below. Your recommendation should be less than 4000 characters.

APPENDIX

B

FIELD WMD COORDINATORS

Office	Phone
Albany	518-431-7335
Albuquerque	505-224-2372
Anchorage	907-265-9574
Atlanta	404-679-3096
Baltimore	410-281-0347
Birmingham	205-715-0375
	256-539-1711
Boston	617-223-6223
Buffalo	716-843-5297
Charlotte	704-331-4564
Chicago	312-786-3782
	312-786-3779
Cincinnati	513-562-5751
Cleveland	216-622-6623
Columbia	803-551-4361
Dallas	214-922-7669
Denver	303-628-3088
	719-329-6541
Detroit	586-416-1222
El Paso	915-832-5061
	915-832-5057
	915-832-5051
Honolulu	808-566-4395
Houston	713-693-5113
Indianapolis	317-639-3301
Jackson	601-360-7706

Office	Phone
Jacksonville	904-727-6126
Kansas City	816-512-8817
Knoxville	865-220-5008
Las Vegas	702-383-3581
	702-366-7150
Little Rock	501-228-8427
Los Angeles	310-996-3903
	310-996-3885
Louisville	502-569-3820
Memphis	901-747-9720
Miami	305-787-6122
Milwaukee	414-291-4371
	414-291-4335
Minneapolis	612-376-3342
	701-232-7241
	605-321-1156
	605-343-9632
Mobile	251-415-3204
Newark	973-792-7418
	973-792-7170
New Haven	203-503-5037
New Orleans	504-816-3099
New Orleans	504-816-3007
New York	212-384-8525
Norfolk	757-455-2631
	757-455-2640
Oklahoma City	405-290-3698
Omaha	402-492-3763
Philadelphia	215-418-4097

Office	Phone
Harrisburg	717-232-8686
Phoenix	602-650-3089
	602-650-3193
	602-650-3010
Pittsburgh	412-432-4386
Portland	503-552-5345
	503-552-5276
Richmond	804-627-4484
Sacramento	916-977-2222
St. Louis	314-589-2699
Salt Lake City	801-257-2351
San Antonio	210-978-5363
San Diego	858-499-7413
San Francisco	510-251-4162
	510-251-4076
San Juan	787-759-5676
Seattle	206-262-2378
	509-455-8194
Springfield	
	618-624-6248
Tampa	813-272-8039
	813-272-8069
Washington Field	202-278-4730
	202-278-4474
	202-278-4480

JOINT TERRORISM TASK FORCE (JTTF) CONTACT INFORMATION

Field Office	Office Telephone
Albany	(518) 465-7551
Albuquerque	(505) 224-2000
Anchorage	(907) 258-5322
Atlanta	(404) 679-9000
Baltimore	(410) 265-8080
Birmingham	(205) 326-6166
Boston	(617) 742-5533
Boston (Pioneer Valley)	(617) 742-5533
Boston (Providence)	(617) 742-5533
Buffalo	(716) 856-7800
Buffalo (Rochester)	(716) 856-7800
Charlotte	(704) 377-9200
Chicago	(312) 431-1333
Cincinnati	(513) 421-4310
Cleveland	(216) 522-1400
Cleveland (Toledo)	(216) 522-1400
Columbia	(803) 551-4200
Dallas	(972) 559-5000
Dallas (West Texas)	(972) 559-5000
Denver	(303) 629-7171
Detroit	(313) 965-2323
El Paso	(915) 832-5000
Honolulu	(808) 566-4300
Houston	(713) 693-5000
Indianapolis	(317) 639-3301
Indianapolis (Mera)	(317) 639-3301
Jackson	(601) 948-5000
Jacksonville	(904) 721-1211

Field Office	Office Telephone
Jacksonville (Pensacola)	(904) 721-1211
Kansas City	(816) 512-8200
Kansas City (Springfield MO)	(816) 512-8200
Kansas City (Wichita, KS)	(816) 512-8200
Knoxville	(865) 544-0751
Las Vegas	(702) 385-1281
Little Rock	(501) 221-9100
Los Angeles	(310) 477-6565
Los Angeles (Long Beach)	(310) 477-6565
Los Angeles (Santa Anna)	(310) 477-6565
Los Angeles (Riverside)	(310) 477-6565
Louisville	(502) 583-3941
Louisville (Covington)	(502) 583-3941
Louisville (Lexington)	(502) 583-3941
Memphis	(901) 747-4300
Memphis (Nashville)	(901) 747-4300
Miami	(305) 944-9101
Milwaukee	(414) 276-4684
Milwaukee (Madison)	(414) 276-4684
Minneapolis	(612) 376-3200
Mobile	(334) 438-3674
New Haven	(203) 777-6311
New Orleans	(504) 816-3000
New York City	(212) 384-1000
Newark	(973) 792-3000
Norfolk	(757) 542-6466
Oklahoma City	(405) 290-7770
Oklahoma City (Tulsa)	(405) 290-7770
Omaha	(402) 493-8688
Omaha (Western Nebraska)	(402) 493-8688

Field Office	Office Telephone
Omaha (Central Nebraska)	(402) 493-8688
Omaha (Eastern Iowa)	(402) 493-8688
Omaha (Central/Western Iowa)	(402) 493-8688
Philadelphia	(215) 418-4000
Philadelphia (Harrisburg)	(215) 418-4000
Phoenix	(602) 279-5511
Phoenix (Flagstaff)	(602) 279-5511
Pittsburgh	(412) 432-4000
Portland	(503) 224-4181
Richmond	(804) 261-1044
Sacramento	(916) 481-9110
Sacramento (Fresno)	(916) 481-9110
St. Louis	(314) 231-5357
Salt Lake City	(801) 579-1400
Seattle/Salt Lake City	(801) 579-1400
San Antonio	(210) 225-6741
San Antonio (Austin)	(210) 225-6741
San Antonio (Rio Grande)	(210) 225-6741
San Diego	(858) 565-1255
San Francisco	(415) 553-7400
San Juan	(787) 754-6000
San Juan (US Virgin Islands)	(787) 754-6000
Seattle	(206) 622-0460
Springfield	(217) 522-9675
Tampa	(813) 273-4566
Tampa (Orlando)	(813) 273-4566
Washington	(202) 278-2000

THREAT FACTOR DEFINITIONS

Existence: The presence of a group or individual, operation within the jurisdiction in which there are allegations or information indicating a possibility of the unlawful use of force or violence, specifically the utilization of a WMD, against person or property, to intimidate or coerce a government, the civilian population, or any segment thereof, in furtherance of a specific motivation or goal, possibly political or social in nature.

History: Demonstrated past terrorist activity over time or a recorded, violent criminal history.

Intentions: Credible advocacy/threats of force or violence, acts, or preparations to act, evidencing the intent to create a WMD, carry out a plan to release a WMD, or to participate in a WMD incident.

Capability: Credible information that a specific PTE possesses the requisite training, skills, financial means, and access to resources necessary to develop, produce, or acquire a particular type of WMD in a quantity and/or potency sufficient to produce mass casualties, combined with information substantiating the PTE's ability to safely store, test, and deliver the same. All these factors must be met before a group or individual can be justified as possessing the requisite capability necessary to implement a WMD attack.

Targeting: Credible information indicative of preparations for specific terrorist operations against identifiable targets within the subject jurisdiction. (Example: Obtaining of specific floor plans of a target location or surveillance activities, etc.)

POTENTIAL TARGETS

Potential Targets		
Continuity of Government Service	<ul style="list-style-type: none"> Government office buildings / courthouses Embassies / consulates 	<ul style="list-style-type: none"> Military installation (including reserve components) Prisons
Electric Power, Oil/Gas Storage	<ul style="list-style-type: none"> Electric power production Gas storage and shipment Telecommunications (wireline & wireless) 	<ul style="list-style-type: none"> Electric power distribution (substations, transmission lines) Petroleum storage and shipment
Information and Communications	<ul style="list-style-type: none"> Newspapers Radio stations TV broadcast facilities 	<ul style="list-style-type: none"> Trunking stations for communications / switching / CATV
Emergency Services*	<ul style="list-style-type: none"> Law emergency services Fire emergency services Emergency medical services 	<ul style="list-style-type: none"> State/local emergency operations centers (EOC) Emergency responder stations
Institutions**	<ul style="list-style-type: none"> Science research facilities Academic institutions Museums 	<ul style="list-style-type: none"> Schools Libraries
Commercial / Industrial Facilities**	<ul style="list-style-type: none"> Chemical plants Industrial plants Petroleum plants Business / corporate centers Malls / shopping centers 	<ul style="list-style-type: none"> Hotel / convention centers Apartment buildings Nuclear Facilities Food distribution and processing operations
Transportation	<ul style="list-style-type: none"> Railheads / rail yards Seaports / river ports Interstate highways Bus terminals Tunnels Bridges 	<ul style="list-style-type: none"> Subways Ferries Airports Truck Terminals Gas Pipelines
Water Supply	<ul style="list-style-type: none"> Water supply plants Water purification systems Water distribution systems 	<ul style="list-style-type: none"> Wastewater plants Dams
Banking and Finance	<ul style="list-style-type: none"> Banks Financial institutions 	<ul style="list-style-type: none"> Clearing houses
Public Health	<ul style="list-style-type: none"> Hospitals Public Health Labs 	<ul style="list-style-type: none"> Emergency medical centers
Recreational Facilities**	<ul style="list-style-type: none"> Sports arenas / stadium Auditoriums Theaters 	<ul style="list-style-type: none"> Parks Casinos Concert halls / pavilions
Miscellaneous**	<ul style="list-style-type: none"> Special events Parades Religious services / buildings Festivals 	<ul style="list-style-type: none"> Celebrations Scenic tours Abortion clinics Social / ethic organizations
Agriculture – Animals**	<ul style="list-style-type: none"> Concentrated animal feeding operations (CAFO) Slaughter / harvest facilities Wholesale distribution facilities Retail markets Livestock gathering / distribution points Auctions / markets / livestock shows / special sales Agro-chemical manufacturing / distribution facilities 	<ul style="list-style-type: none"> Genetic material source facilities / wildlife breeding facilities Live animal / artificial insemination / embryos Ports of entry / import/export points Feed production / storage facilities Ranches Biological research and diagnostic facilities
Agriculture – Plants / Crops**	<ul style="list-style-type: none"> Seed production, handling and processing facilities Grain elevators Crop storage facilities Agrochemical storage / distribution facilities Agrochemical manufacturers 	<ul style="list-style-type: none"> Fertilizer manufacturers Oil mills, Flour mills Ports of entry / import/export points Food processing plants Biological manufacturing facilities Agricultural equipment manufacturers Orchards/Vineyards
Note: Examples are not exhaustive. Local jurisdictional criteria should be added as required. Categories are from PDD 63 with the following notes: *Combined PDD 63 Categories for Fire and Law ** Additional categories to those listed in PDD 63		

MOTIVATOR DEFINITIONS

Motivator Definitions	
Motivator	Examples of Likely Targets
Political	Anything perceived as a symbol or integral part of the governing establishment (government buildings, courthouses, revenue service, political events, and campaigns).
Religious	Anything perceived as a symbol of, acting contrary to, or in support of group or individual religious beliefs (banks, newspaper companies, Planned Parenthood facilities, large public venues, etc.).
Racial	Social and legal entities that promote equality among races.
Environmental	Organizations or facilities that are perceived to be damaging to the environment (logging industry, nuclear power plants, dams, etc.).
Special Interest	Organization or entities perceived to be acting contrary to the interest of the PTE (animal rights, anti-technology, etc.).

DISCIPLINE DEFINITIONS

CATEGORY	DEFINITION	TITLE
Law Enforcement (LE)	Individual, full-time, or on voluntary bases, who work for agencies at the local, municipal, and state levels with responsibility as sworn law enforcement officers.	<ul style="list-style-type: none"> • Sworn Law Enforcement • SWAT • Bomb Technicians • Management/Incident Command • Investigators
Emergency Medical Services (EMS)	Individuals who, on a full-time, part-time, or volunteer basis, serve as first responders, EMT (basic, intermediate, and paramedic) on ground-based and aero medical services to provide pre-hospital care.	<ul style="list-style-type: none"> • EMT (basic) • EMT (intermediate) • EMT (paramedic)
Emergency Management Agency (EMA)	Organizations, both local and state, that are directed to coordinate preparedness, response, recovery, and mitigation for WMD terrorism incidents.	<ul style="list-style-type: none"> • State EMA • Local EMA • Voluntary Organizations • Professional Associations • Human Service Agencies • Private Agencies • Supporting EMA Agencies
Fire Services (FS)	Individuals, who on a full-time, volunteer, or part-time basis provide life safety services including fire suppression, rescue, arson investigation, public education, and prevention.	<ul style="list-style-type: none"> • Firefighters • Company Officers • Fire Marshals • US&R • Technical Rescue
Hazardous Materials Personnel (HZ)	Individuals, who on a full-time, part-time, or volunteer basis, identify, characterize, provide risk assessment, and mitigate/control the release of a hazardous substance or potentially hazardous substance.	<ul style="list-style-type: none"> • Technician • Specialist • MMRS • Environmental Quality Control • Private Companies • Contractors
Public Works (PW)	Organizations and individuals that make up the public/private infrastructure for the construction and management of these roles within the Federal level.	<ul style="list-style-type: none"> • Administration • Technical • Supervision • Craft (Basic/Advanced (in the areas of environmental services, water quality, solid waste, animal services, water treatment, public buildings, public parts, telecommunications, engineering, equipment services, electric districts, and digital cable.)

CATEGORY	DEFINITION	TITLE
Governmental Administrative (GA)	Elected and appointed officials responsible for public administration of community health and welfare during a WMD terrorism incident.	<ul style="list-style-type: none"> • Mayors • Elected Officials • Executives • Chief Administrative Officers • (City Manager and supporting staff)
Public Safety Communications (PSC)	Individuals, full-time, part-time, or on a volunteer basis, who through technology, serve as a conduit and link persons reporting an incident to response personnel and emergency management, to identify an incident occurrence and help to support the resolution of life safety, criminal, environmental, and facilities problems associated with a WMD terrorism incident.	<ul style="list-style-type: none"> • Call Takers • Shift Supervisors • Medical Control Centers • Dispatchers (EMS, Police, Fire, and Public Works)
Health Care (HC)	Clinical, forensic, and administrative personnel in hospitals, physician offices, clinics, and other facilities responsible for providing medical care to include surveillance (passive and active), diagnosis, laboratory evaluation treatment, mental health support.	<ul style="list-style-type: none"> • Physicians • Nurses • Physicians Extenders (Physician Assistants and Nurse Practitioners) • Security • Facility Management • Therapists/Counselors • Veterinarians • Medical Examiners/Coroners • Dentists • Pharmacists • Technicians • Medical Records Staff

CATEGORY	DEFINITION	TITLE
Public Health (PH)	Personnel whose responsibility includes preventing epidemics and the spread of disease, protecting against environmental hazards, preventing injuries, promoting and encouraging healthy behaviors, responding to disasters and assisting communities in recovery, assuring the quality and accessibility of health services, epidemiology investigators, evidence collection, along with fatality management for humans and animals.	<ul style="list-style-type: none"> • Epidemiologists • Environmental Engineers • Environmental Investigators • Environmental Engineering Technicians/Technologists • Occupational Safety and Health Specialists • Technicians • Technologists • Health Educators • Public Health Policy Analysts • Community Social Workers • Substance Abuse and Mental Health Social Workers • Psychologists • Mental Health Providers • Mental Health Counselors

WMD RESPONSE LEVEL DEFINITIONS

RESPONSE LEVEL - 0 (NO WMD CAPABILITY LEVEL)

This level can be generally defined as having “no capability to respond to or recognize a WMD incident.” Emergency responders at this level lack the training, and equipment to react at any level to a WMD release.

RESPONSE LEVEL - 1 (WMD AWARENESS CAPABILITY LEVEL)

This level can be generally defined as the Recognition level, having “a capability to recognize a WMD incident.” Emergency responders at this level are those persons who, in the course of their normal duties, could be required to respond to or support an emergency involving a WMD incident. Emergency responders at this level are expected to recognize the presence of a potential WMD terrorism incident, take measures to protect themselves, call for trained personnel, and secure the area. Competency at this level is evidenced by compliance with Office for Domestic Preparedness Awareness Level training standards, National Fire Protection Association training standards associated with competencies for the emergency responder at the Awareness Level (NFPA 472, Chapter 2) and applicable U.S. Department of Transportation (DOT), Environmental Protection Agency (EPA), Occupational Safety and Health Administration (OSHA), and other appropriate state and local requirements.

RESPONSE LEVEL - 2 (WMD PERFORMANCE (DEFENSIVE) LEVEL)

This level can be generally defined as the Defensive level, having “a modest increase in capability to respond to a WMD incident.” Emergency responders at this level are those persons who respond to releases or potential releases of WMD materials as part of the initial response to the incident or support of this response for the purpose of protecting nearby persons, the environment, or property from the effects of the release. Emergency responders at this level are expected to respond in a defensive fashion to control the incident from a safe distance and keep it from spreading. Competency at this level must be demonstrated by performance of required skills and is evidenced by meeting all requirements for Level One and possessing general knowledge of biological, nuclear/radiological, and chemical agents; personal protective equipment, emergency decontamination, as well as compliance with Office for Domestic Preparedness Performance (Level A) Level training standards, National Fire Protection Association training standards associated with competencies for the emergency responder at the Operations Level (NFPA 472, Chapter 3) and applicable U.S. Department of Transportation (DOT), Environmental Protection Agency (EPA), Occupational Safety and Health Administration (OSHA), and other appropriate state and local requirements.

RESPONSE LEVEL - 3 (WMD PERFORMANCE (OFFENSIVE) LEVEL)

This level can generally be defined as the Offensive level, having “a moderate increase in capability to respond to a WMD incident.” Emergency responders at this level are those persons who respond to releases or potential releases of WMD materials as part of the initial response to the incident or support this response for the purpose of reducing or eliminating the source or effects of the WMD materials. This level is normally required only for certified technicians who are trained and equipped to operate in a fully encapsulated environment in the hot zone to detect and neutralize a hazardous material. This level can only be achieved if the jurisdiction has a technician-level certified HazMat Team. Competency at this level must be demonstrated by performance

of required skills and is evidenced by meeting all requirements for Levels One and Two and possessing advanced capabilities to work in the affected area of a WMD material release, as well as compliance with Office for Domestic Preparedness Performance (Level B) Level training standards, National Fire Protection Association training standards associated with competencies for the emergency responder at the Technician Level (NFPA 472, Chapter 4) and applicable U.S. Department of Transportation (DOT), Environmental Protection Agency (EPA), Occupational Safety and Health Administration (OSHA), and other appropriate state and local requirements.

RESPONSE LEVEL - 4 (WMD ADVANCED OPERATIONS AND TECHNICIAN CAPABILITY LEVEL)

This level can generally be defined as having an “advanced WMD operations and equipment capability to respond to a WMD incident.” Emergency responders at this level have met or surpassed the requirements associated with the requirements for Response Levels One, Two, and Three, and will meet or exceed all emergency response operational, training, and equipment requirements for their jurisdiction to respond to or support the response to a WMD incident. The jurisdiction would have the capability to operate unhindered, without planning, organizational, training, or equipment shortfalls in any number of environments affected by WMD material release.

WMD RESPONSE LEVELS BY DISCIPLINE

LAW ENFORCEMENT

Level - 0

- No training and equipment to react at any level to a WMD incident.

Level - 1

- Able to respond and provide support for an emergency involving a WMD incident.
- Able to recognize the presence of a potential WMD incident.
- Able to take self-protection measures, secure the area, and call for appropriate help from trained personnel.

Level - 2

- Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support of this response for the purpose of protecting nearby persons, the environment, or property from the effects of the release.
- Able to respond in a defensive fashion to control the incident from a safe distance and keep it from spreading.
- Possesses general knowledge of biological, nuclear/radiological, and chemical agents.
- Able to utilize limited personal protective equipment and basic detection equipment.
- Able to provide rescue and evacuation, basic life support functions, and provide emergency decontamination.
- Know the Incident Command System and be able to follow Unified Command System procedures for the integration and implementation of each system. Know how the systems integrate and support the incident. Be familiar with the overall operation of the two command systems and be able to assist in implementation of the Unified Command System if needed.

Level - 3



Note

This level can only be achieved if the jurisdiction has a technician-level certified HazMat Team.

- Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support this response for the purpose of reducing or eliminating the source or effects of the WMD materials.
- Trained and equipped to operate in a fully encapsulated environment in the hot zone to detect and neutralize a hazardous material.
- Know and follow Incident Command System and Unified Command System procedures and steps required for implementation of each system. Understand how the two systems are to work together.

Level - 4

- Met or surpassed the requirements for Response Levels One, Two, and Three.
- Meets or exceeds all emergency response operational, training, and equipment requirements for their jurisdiction to respond to or support the response to a WMD incident.
- Know and follow department protocols for medical monitoring of response personnel involved with or working at WMD and hazardous material incidents.
- Possess the capability to operate unhindered, without planning, organizational, training, or equipment shortfalls in any number of environments affected by WMD material release.
- Know Incident Command System and the Unified Command System's procedures and the steps required for implementation of each system. Understand how the systems are integrated and implemented to work together and what information the on-scene manager needs from the law enforcement manager. Be familiar with the full range of incident command functions, and be able to fulfill any functions related to law enforcement operations.

EMERGENCY MEDICAL SERVICES

Level - 0

- No training and equipment to react at any level to a WMD incident.

Level - 1

- Able to respond and provide support for an emergency involving a WMD incident.
- Able to recognize the presence of a potential WMD incident.
- Able to take self-protection measures, secure the area, and call for appropriate help from trained personnel.

Level - 2

- Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support of this response for the purpose of protecting nearby persons, the environment, or property from the effects of the release.
- Able to respond in a defensive fashion to control the incident from a safe distance and keep it from spreading.
- Possesses general knowledge of biological, nuclear/radiological, and chemical agents.
- Able to utilize limited personal protective equipment and basic detection equipment.
- Able to provide rescue, evacuation, and basic life support functions.
- Receives patients extracted from the hot zone who have been decontaminated and can provide emergency decontamination, if required.
- Know the Incident Command System and be able to follow Unified Command System procedures for the integration and implementation of each system. Know how the systems integrate and support the incident. Be familiar with the overall operation of the two command systems and be able to assist in implementation of the Unified Command System if needed.

Level - 3



Note

This level can only be achieved if the jurisdiction has a technician-level certified HazMat Team.

- Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support this response for the purpose of extraction of victims during response to releases of CBRNE for care and/or gross decontamination.
- Trained and equipped to operate in a fully encapsulated environment in the hot zone to detect and neutralize a hazardous material.
- Know and follow Incident Command System and Unified Command System procedures and steps required for implementation of each system. Understand how the two systems are to work together.

Level - 4

- Met or surpassed the requirements for Response Levels One, Two, and Three.
- Meets or exceeds all emergency response operational, training, and equipment requirements for their jurisdiction to respond to or support the response to a WMD incident.
- Know and follow protocols to provide emergency medical treatment to persons involved in a potential or actual WMD incident.
- Understand the special hazards to humans from WMD agents and hazardous materials.
- Know the plans and assets available for transporting the victims of WMD and hazardous materials incidents to more advanced medical care at hospitals and similar facilities. Be familiar with the department emergency plan criteria for transporting victims to more advanced medical care facilities.
- Know and follow department protocols for medical monitoring of response personnel involved or working with WMD and hazardous material incidents.
- Possess the capability to operate unhindered, without planning, organizational, training, or equipment shortfalls in any number of environments affected by WMD material release.
- Know and follow Incident Command System and Unified Command System procedures and requirements for implementing each system. Understand how the systems are implemented and integrated. Know what information the on-scene incident commander will need from the EMS manager.

EMERGENCY MANAGEMENT AGENCY

Level - 0

- No training and equipment to react at any level to a WMD incident.

Level - 1

- Able to respond and provide support for an emergency involving a WMD incident.
- Able to recognize the presence of a potential WMD incident.
- Able to take self-protection measures as well as protective measures for the public and for emergency responders, secure the area, and call for appropriate help from trained personnel.
- Know and follow procedures for protecting a potential crime scene.
- Know and follow Incident Command System and Unified Command System procedures and requirements for implementing each system. Understand how the systems are implemented and integrated. Recognize when it is appropriate for the Unified Command System to evolve from the Incident Command System. Know what information the on-scene incident commander will need from the emergency management agency emergency operations center. Be familiar with the full range of coordinating activities and duties of the emergency management agency and all incident command functions. Assist those persons who will be fulfilling functions related to the emergency operations plan.
- Know how to develop an Incident Action Plan and identify assets available for controlling WMD and hazardous materials incidents. Coordinate these activities with the on-scene incident commander. Be familiar with steps to take to assist in planning operational goals and objectives that are to be followed on site in cooperation with the on-scene incident commander.
- Know how to interface with and integrate requisite emergency support services and resources among the Emergency Operations Center management and the incident or unified command on-scene incident management team. Be familiar with the coordination functions and procedures that are to be conducted by and with the Emergency Operations Center in support of on-scene emergency response activities.

Level - 2

Not Applicable

Level - 3

Not Applicable

Level - 4

Not applicable

FIRE SERVICE

Level - 0

- No training and equipment to react at any level to a WMD incident.

Level - 1

- Able to respond and provide support for an emergency involving a WMD incident.
- Able to recognize the presence of a potential WMD incident.
- Able to take self-protection measures, secure the area, and call for appropriate help from trained personnel.
- Know procedures for protecting a potential crime scene.

Level - 2

- Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support of this response for the purpose of protecting nearby persons, the environment, or property from the effects of the release.
- Able to respond in a defensive fashion to control the incident from a safe distance and keep it from spreading.
- Possesses general knowledge of biological, nuclear/radiological, and chemical agents.
- Able to utilize limited personal protective equipment and basic detection equipment.
- Able to provide rescue and evacuation, basic life support functions, and provide emergency decontamination.
- Know the Incident Command System and be able to follow Unified Command System procedures for the integration and implementation of each system. Know how the systems integrate and support the incident. Be familiar with the overall operation of the two command systems and be able to assist in implementation of the Unified Command System if needed.

Level - 3



Note

This level can only be achieved if the jurisdiction has a technician-level certified HazMat Team.

- Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support this response for the purpose of reducing or eliminating the source or effects of the WMD materials.
- Trained and equipped to operate in a fully encapsulated environment in the hot zone to detect and neutralize a hazardous material.
- Know and follow Incident Command System and Unified Command System procedures and steps required for implementation of each system. Understand how the two systems are to work together.

Level - 4

- Met or surpassed the requirements for Response Levels One, Two, and Three.
- Meets or exceeds all emergency response operational, training, and equipment requirements for their jurisdiction to respond to or support the response to a WMD incident.
- Know protocols to secure, mitigate, and remove hazardous agents or materials that may be WMD agents or materials.
- Know and follow department protocols for medical monitoring of response personnel involved with or working at WMD and hazardous material incidents.
- Possess the capability to operate unhindered, without planning, organizational, training, or equipment shortfalls in any number of environments affected by WMD material release.
- Know Incident Command System and the Unified Command System's procedures and the steps required for implementation of each system. Understand how the systems are integrated and implemented to work together and what information the on-scene manager needs from the fire department manager. Be familiar with the full range of incident command functions, and be able to fulfill any functions related to fire department operations.
- Understand development of the Incident Action Plan and know assets available for controlling WMD and hazardous materials incidents, in coordination with the on-scene incident commander. In collaboration with the on-scene incident commander, be able to assist in planning and in determining operational goals and objectives to bring the incident to a successful conclusion.

HAZARDOUS MATERIALS PERSONNEL

Level - 0

- Not Applicable

Level - 1

- The designation of HazMat indicates that Awareness Level training has already been completed.

Level - 2

- The designation of HazMat indicates that Performance Level (defensive) training has already been completed.

Level - 3



Note

This level can only be achieved if the jurisdiction has a technician-level certified HazMat Team.

- Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support this response for the purpose of reducing or eliminating the source or effects of the WMD materials.
- Trained and equipped to operate in a fully encapsulated environment in the hot zone to detect and neutralize a hazardous material.
- Know the Incident Command System and be able to follow Unified Command System procedures for integration and implementation of each system. Know how the systems integrate and support the incident. Be familiar with the overall operation of the two command systems and be able to assist in implementation of the Unified Command System if needed.

Level - 4

- Met or surpassed the requirements for Response Levels One, Two, and Three.
- Meets or exceeds all emergency response operational, training, and equipment requirements for their jurisdiction to respond to or support the response to a WMD incident.
- Know protocols to secure, mitigate, and remove hazardous agents or materials that may be WMD agents or materials.
- Know and follow department protocols for medical monitoring of response personnel involved with or working onsite at WMD and hazardous material incidents, including response team members involved with or working within the hot and warm control zones or personnel involved in onsite decontamination.
- Know and follow protocols and procedures to secure, mitigate, and remove hazardous materials or potential WMD agents.
- Possess the capability to operate unhindered, without planning, organizational, training, or equipment shortfalls in any number of environments affected by WMD material release.

- Know and follow Incident Command System and Unified Command System procedures and requirements for implementing each system. Understand how the systems are implemented and integrated. Know what information the on-scene incident commander will need from the HazMat team manager. Be familiar with the full range of incident command functions and be able to fulfill any function pertaining to HazMat team operations.
- Know how to develop an incident action plan. Coordinate with the on-scene incident commander assets available for controlling WMD and hazardous materials incidents.

PUBLIC WORKS

Level - 0

- No training and equipment to react at any level to a WMD incident.

Level - 1

- Able to respond and provide support for an emergency involving a WMD incident.
- Able to recognize the presence of a potential WMD incident.
- Able to take self-protection measures, secure the area, and call for appropriate help from trained personnel.
- Know procedures for protecting a potential crime scene.

Level - 2

- Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support of this response for the purpose of protecting nearby persons, the environment, or property from the effects of the release.
- Able to respond in a defensive fashion to control the incident from a safe distance and keep it from spreading.
- Possesses general knowledge of biological, nuclear/radiological, and chemical agents.
- Able to utilize limited personal protective equipment and basic detection equipment.
- Able to provide rescue and evacuation, basic life support functions, and provide emergency decontamination.
- Know and follow procedures for protecting a potential crime scene.
- Know and follow Incident Command System and Unified Command System procedures and requirements for implementing each system. Understand how the systems are implemented and integrated. Know what information the on-scene incident commander will need from the public works supervisor or manager. Be familiar with the full range of coordinating activities and duties of the public works agencies. Understand the Incident Command System and the Unified Command System.
- Know how to develop appropriate plans for actions to be taken by the public works agency when a WMD and hazardous materials incident occurs. Know how to coordinate plans with the on-scene incident commander. Know what steps to take to assist in planning operational goals and objectives that are to be followed on site in cooperation with the on-scene incident commander in bringing the incident to a successful conclusion.
- Know how to interface and integrate emergency support services and resources that will be needed (or are needed) among the Emergency Operations Center, the on-scene incident management team, and public works facilities and agencies. Be familiar with the coordination functions and procedures that are to be conducted by public works with the Emergency Operations Center to support on-scene emergency response activities.

Level - 3

Not applicable

Level - 4

Not applicable

GOVERNMENTAL ADMINISTRATIVE

Level - 0

- Unable to recognize roles or responsibilities of governmental administrative personnel or coordinate response to WMD incident.

Level - 1

- Able to respond and provide support for an emergency involving a WMD incident.
- Able to recognize the presence of a potential WMD incident.
- Able to take self-protection measures, secure the area, and call for appropriate help from trained personnel.
- Support any protective measures required for the public and for emergency responders to WMD incidents.
- Know procedures for protecting a potential crime scene.
- Supports the activation of the emergency operations center and receives updates based on shared information between all agencies.
- Supports coordination efforts to evacuate or shelter-in-place those populations affected by incident.
- Supports the initiation of public warnings, mutual aid activation efforts if required, and understands role and responsibilities during incident.
- Coordinates with EMA to design and execute continuity of government as needed during a WMD and hazardous materials incident.
- Be familiar with the Incident Command System and Unified Command System procedures and requirements for implementing each system. Be familiar with the information the on-scene incident commander will need from the emergency management agency emergency operations center. Support the coordinating activities and duties of the emergency management agency and all incident command functions. Be familiar with general functions related to the emergency operations plan.
- Provide support for the development of an Incident Action Plan and ensure asset availability for the response and mitigation of WMD and hazardous materials incidents. Support coordination efforts during the incident with the on-scene incident commander.
- Be familiar with needs required to interface with and integrate requisite emergency support services and resources among the Emergency Operations Center management and the incident or unified command on-scene incident management team. Support the coordination functions and procedures that are to be conducted by and with the Emergency Operations Center in support of on-scene emergency response activities.

Level - 2

Not applicable

Level - 3

Not applicable

Level - 4

Not applicable

PUBLIC SAFETY COMMUNICATIONS

Level - 0

- Unable to serve as conduit for centralized communication efforts required during response to a WMD incident.

Level - 1

- Able to notify proper personnel for response based upon recognition of possible WMD incident gained from calls for service, dispatch patterns, and signs/symptoms received from the scene.
- Able to advise responders of self-protection measures, help with coordination efforts to secure the area, and facilitate calls for appropriate help from trained personnel.
- Supports responder communication requirements needed to contain the incident from a safe distance.
- Support communication requirements needed to keep the WMD incident from spreading.
- Understand the procedures for protecting a potential crime scene.
- Coordinate with other agencies to ensure radio interoperability.
- Assists with the activation of the emergency operations center and provides updates received regarding shared information between all agencies.
- Supports communication efforts to evacuate or shelter-in-place those populations affected by incident.
- Facilitates the initiation of public warnings, mutual aid activation efforts if required, and understands role and responsibilities during incident.
- Be familiar with needs required to interface with and integrate requisite emergency support services and resources among the Emergency Operations Center management and the incident or unified command on-scene incident management team. Support the coordination functions and procedures that are to be conducted by and with the Emergency Operations Center in support of on-scene emergency response activities.

Level - 2

Not applicable

Level - 3

Not applicable

Level - 4

Not applicable

HEALTH CARE

Level - 0

- No training and equipment to react at any level to a WMD incident.

Level - 1

- Able to provide support for an emergency involving a WMD incident.
- Able to recognize the presence of a potential WMD incident.
- Able to take self-protection measures as well as protective measures for the public and for emergency responders, secure the area, and call for appropriate help from trained personnel.
- Know and follow procedures for protecting a potential crime scene.
- Support notification of increased patient load by emergency responders.
- Understand the need to help preserve evidence and be familiar with procedures required for protecting a potential crime scene.
- Know and follow agency/organization's scene/site security and control procedures for WMD incidents.
- Coordinate with HazMat personnel for gross/technical decontamination of self-transported victims due to releases or potential releases of WMD materials.

Level - 2

- Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support of this response for the purpose of protecting nearby persons, the environment, or property from the effects of the release.
- Able to respond in a defensive fashion to control the incident from a safe distance and keep it from spreading.
- Possesses general knowledge of biological, nuclear/radiological, and chemical agents.
- Able to utilize limited personal protective equipment and basic detection equipment.
- Able to provide rescue, evacuation, basic life support functions.
- Know and follow procedures for working in a contaminated area for the purposes of performing decontamination efforts on self transported patients.
- Know the Incident Command System and be able to follow Unified Command System procedures for the integration and implementation of each system. Know how the systems integrate and support the incident. Be familiar with the overall operation of the two command systems and be able to assist in implementation of the Unified Command System if needed.
- Know how to develop an Incident Action Plan and identify assets available for controlling WMD and hazardous materials incidents. Coordinate these activities with the on-scene incident commander. Be familiar with steps to take to assist in planning operational goals and objectives that are to be followed on site in cooperation with the on-scene incident commander.

- Know how to interface with and integrate requisite emergency support services and resources among the Emergency Operations Center management and the incident or unified command on-scene incident management team. Be familiar with the coordination functions and procedures that are to be conducted by and with the Emergency Operations Center in support of on-scene emergency response activities.

Level - 3

Not applicable

Level - 4

Not applicable

PUBLIC HEALTH

Level - 0

- No training and equipment to react at any level to a WMD incident.

Level - 1

- Able to provide support for an emergency involving a WMD incident.
- Able to recognize the presence of a potential WMD incident.
- Able to take self-protection measures as well as protective measures for the public and for emergency responders, secure the area, and call for appropriate help from trained personnel.
- Understand the need to help preserve evidence and be familiar with procedures required for protecting a potential crime scene.
- Support the need for increased assessment and treatment recommendation requests made by hospitals and clinicians in the community.
- Coordinate recommendation efforts concerning the need for mass medications, immunizations, lab analysis, isolation, containment, quarantine of victims, and on-going epidemiological investigations, due to releases or potential releases of a WMD material.

Level - 2

- Able to respond to releases or potential releases of WMD materials as part of the initial response to the incident or support of this response for the purpose of protecting nearby persons, the environment, or property from the effects of the release.
- Able to respond in a defensive fashion to control the incident from a safe distance and keep it from spreading.
- Possesses general knowledge of biological, nuclear/radiological, and chemical agents.
- Able to utilize limited personal protective equipment and basic detection equipment.
- Able to provide rescue, evacuation, basic life support functions and emergency decontamination.
- Know and follow procedures for working in a contaminated area for the purposes of performing assessments, lab analysis, and conducting epidemiological investigations.
- Know the Incident Command System and be able to follow Unified Command System procedures for the integration and implementation of each system. Know how the systems integrate and support the incident. Be familiar with the overall operation of the two command systems and be able to assist in implementation of the Unified Command System if needed.
- Know how to develop an Incident Action Plan and identify assets available for controlling WMD and hazardous materials incidents. Coordinate these activities with the on-scene incident commander. Be familiar with steps to take to assist in planning operational goals and objectives that are to be followed on site in cooperation with the on-scene incident commander.

- Know how to interface with and integrate requisite emergency support services and resources among the Emergency Operations Center management and the incident or unified command on-scene incident management team. Be familiar with the coordination functions and procedures that are to be conducted by and with the Emergency Operations Center in support of on-scene emergency response activities.

Level - 3

Not applicable

Level - 4

Not applicable

AGRICULTURAL WMD RESPONSE LEVELS FOR RESPONDER PERSONNEL

This supports the material found in Section 7: “Determine Agricultural Response Levels for Responders” on page 96 of the Jurisdiction Handbook

Level - 0

- No planning, organization, equipment, training, or exercises to react to an agricultural WMD terrorism incident.

Level - 1

- Able to respond and provide support for lead agencies/department response during an emergency involving an agricultural WMD terrorism incident.
- Able to recognize the presence of a potential agricultural terrorism incident.
- Able to take self-protection measures, secure the area, and call for assistance from lead agency/department response.

Level - 2

- Met requirements for Response Level 1
- Able to respond to an agricultural WMD terrorism incident as part of the initial response or in support of this response for the purpose of protecting nearby persons, animals, crops/plants, the environment, or property from the effects of the incident.
- Able to respond in a defensive manner to the agricultural WMD terrorism incident and help to keep it from spreading.
- Possess general knowledge of agricultural WMD agents.
- Able to utilize appropriate personal protective equipment and basic methods of detection.
- Able to provide basic life support functions and provide emergency decontamination.
- Know the Incident Command System and be able to use Unified Command for the integration and implementation of an appropriate response. Know how each required support function integrates and supports the incident. Be familiar with the overall operation of Single and Unified Command and be able to assist in implementation of Unified Command if needed.

Level - 3



Note

This level can be attained only if the jurisdiction has certified agricultural response teams.

- Met requirements for Response Levels 1 and 2.

- Able to respond to an agricultural WMD terrorism incident or potential incident as part of the initial response or support to this response for the purpose of rendering or eliminating the sources of the incident effects.
- Trained and equipped to operate in the hot zone of the incident to detect and neutralize the WMD agents.
- Know and implement the Incident Command System using unified command procedures.

Level - 4

- Met requirements for Response Levels 1, 2, and 3.
- Meets or exceeds all emergency response planning, operational, equipment, training, and exercise requirements for their jurisdiction to respond to an agricultural WMD terrorism incident.
- Know and follow protocols for medical monitoring of all response personnel and potential affected personnel involved with or working at the location of an agricultural WMD terrorism incident.
- Possess the capability to operate unhindered, without planning, organizational, equipment, training, or exercise shortfalls in any environment affected by an agricultural WMD terrorism incident.
- Possess an organized, equipped, trained, and exercised incident command capability.

ODP STATE DOMESTIC PREPAREDNESS EQUIPMENT PROGRAM STANDARDIZED EQUIPMENT LIST

The ODP Authorized Equipment List (AEL) is denoted by an asterisk and includes price ranges.

Personal Protective Equipment (PPE)		Estimated Cost/Unit
PPE Equipment for use as appropriate with all protection levels		
*	Air-Line System with 15 minute escape SCBA	\$1,500-4,500/ each
*	Approved Chemical Resistant Tape	\$10-15/ roll
*	Chemical/Biological Protective Undergarment (fire resistant optional)	\$75-200/ each
*	Closed-Circuit Rebreather (minimum 2-hour supply preferred)	\$5,000-7,000/ each
*	Hardhat/Helmet	\$10-25/ each
*	HAZMAT gear bag/box	\$59-87/ each
*	Open-Circuit SCBA	2,000-5,000/ each
*	Personal Cooling System; Vest or Full Suit with support equipment needed for maintaining body core temperature within acceptable limits.	\$808-831/ each
	Vest	\$800-1,000/ each
	Full Suit	\$1,400-1,600/ each
*	SCBA Service Repair Kits	\$15-100/ each
*	Spare Cylinder for SCBA	\$500-2,000 each
*	Spare Cylinders/ Bottles for rebreathers	\$500-1,000/ each
*	Inner Gloves	\$10-50/ pair
Level A		
*	Chemical Resistant Boots, Steel or Fiberglass Toe and Shank (Level A)	\$65-100/ pair
*	Chemical Resistant Gloves, including thermal as appropriate to hazard (Level A)	\$30-100/ pair

Personal Protective Equipment (PPE)		Estimated Cost/Unit
*	Chemical Resistant Outer Booties (Level A)	\$5-20/ pair
*	Level A Fully Encapsulated Liquid and vapor Ensemble, reusable or disposable (tested and certified against CB threats)	\$800-2,000 / each
*	Level A Fully Encapsulated Training Suits	\$100-200/ each
*	Testing Equipment for fully encapsulated suits	\$1,000 -1,500/ each
Level B		
*	Chemical Resistant Boots, Steel or Fiberglass Toe and Shank (Level B)	\$5-20/ pair
*	Chemical Resistant Gloves, including thermal as appropriate to hazard (Level B)	\$30-100/ pair
*	Chemical Resistant Outer Booties (Level B)	\$59-87/ each
*	Liquid Splash Resistant Hood (Level B)	\$50-200/ each
*	Liquid Splash Resistant Chemical Clothing, encapsulated or non-encapsulated (Level B)	\$250-1,000/ each
Level C		
*	Tight-fitting, Full Face piece, Powered Air Purifying Respirator (PAPR) or PAPR with chemically resistant hood with appropriate cartridge(s) or canister(s) and high-efficiency filter(s) for protection against toxic industrial chemicals, particulates, and military specific agents.	\$400-600/ each
*	Chemical Resistant Boots, Steel or Fiberglass Toe and Shank (Level C)	\$65-71/ pair
*	Chemical Resistant Gloves, including thermal as appropriate to hazard (Level C)	\$30 -\$100/ pair
*	Chemical Resistant Outer Booties (Level C)	\$5-20/ pair
*	Liquid Chemical Splash Resistant Clothing (permeable or non-permeable) (Level C)	\$50-200/ each
*	Liquid Chemical Splash Resistant Hood (permeable or non-permeable) (Level C)	\$25-75/ each
*	Equipment or System Batteries including rechargeable (e.g. NiCad) or non-rechargeable with extended shelf life (e.g. Lithium)	\$200-300/ each

Personal Protective Equipment (PPE)		Estimated Cost/Unit
*	Tight-fitting, Full Face piece, Negative Pressure Air Purifying Respirator with the appropriate cartridge(s) or canister(s) and P100 filter(s) for protection against toxic industrial chemicals, particulates, and military specific agents.	\$400-600/ each
Level D		
*	Escape mask for self-rescue	\$14-200/ each

Operational Equipment		Estimated Cost/Unit
CBRNE Reference Materials		
	Personal Protective Equipment Selection Guide	\$50-200/ each
	CHRIS Manual	\$80-100/ each
*	2000 North American Emergency Response Guidebook, U.S. Department of Transportation	\$9-12/ each
	Emergency Medical Response to Hazardous Materials	\$32-66/ each
	Terrorism Handbook for Operational Responders, Delmar Publishing	\$16-18/ each
	Hazardous Materials Field Guide, Delmar Publishing	\$24-32/ each
	Hazardous Materials Chemistry, Delmar Publishing	\$49-73/ each
	Jane's Facility Security Handbook	\$23-30/ each
	Guide for Industrial Chemicals, National Institute of Safety and Health	\$50-150/ each
	Merck Index	\$50-70/ each
	Emergency Handling of Hazardous Materials in Surface Transportation, Association of American Railroads	\$25-75/ each
	Farm Chemicals Handbook, Meister Publishing	\$70-90/ each
	First Responder's Guide to Agriculture Chemicals Accidents, Foden-Weddell	\$100-125/ each
	NIOSH Pocket Guide to Chemical Hazards	\$7.50-13.50/ each
	GATX Tank Car Manual, GATX	\$45-100/ each
	Hawley's Condensed Chemical Dictionary, Sax & Lewis	\$125-150/ each

Operational Equipment		Estimated Cost/Unit
	Sittig's Handbook of Toxic and Hazardous Chemicals and Carcinogens	\$150-500/ each
	TLVs and BEI's Guidebook, ACGIH	\$125-200/ each
	Quick Selection Guide to Chemical Protective Clothing	\$35-40/ each
	Matheson Gas Data Book, Matheson	\$95-150/ each
	Effects of Exposure to Toxic Gases, First Aid and Medical Treatment, Matheson	\$55-100/ each
	Hazardous Material Injuries, Stutz	\$50-100/ each
	Emergency Care for Hazardous Materials Exposure, Bronstein	\$25-35/ each
	Clinical Toxicology of Commercial Products	\$80-90/ each
	Joint Information Center (JIC) Manual	\$40-75/ each
	Household Chemicals and Emergency First Aid	\$100-150/ each
	Gardner's Chemical Synonyms and Trade Names	\$125-140/ each
	Gloves Plus	\$285-325/ each
	Medical Management of Biological Casualties Handbook	\$6-10/ each
	Medical Management of Chemical Casualties Handbook	\$6-10/ each
	Medical Management of Radiological Casualties Handbook	\$6-10/ each
*	Jane's Chemical/Biological Handbook	\$10-20/ each
	Tempest CB-FRG (Chem-Bio) First Responder Guidebook	\$10-20/ each
	Tempest Chem-Bio Frequently Asked Questions (CB-FAQ)	\$10-20/ each
	Tomes Plus	\$45-75/ each
	Transport of Radiological Materials: Q&A About Incident	\$75-125/ each
	International Edition, Symbol Seeker, Hazardous Identification	\$45-75/ each
	Management of Chemical Warfare Casualties, Sidell	\$6-10/ each
*	NFPA Guide to Hazardous Materials	TBD
*	NIOSH Hazardous Materials Pocket Guide	TBD

Operational Equipment		Estimated Cost/Unit
*	First Responder Job Aids	TBD
Equipment		
	Green Line/Red Line Battery activated marking system or appropriate substitute	\$10-20/ each
	Boundary Marking Tape: YELLOW-Caution, RED-Danger, Incident specific (i.e. radiological, biological, chemical)	\$10-20/ each
	Equipment or System Batteries will include those that are rechargeable with extended shelf life or non-rechargeable with extended shelf life	\$60-200/ each
	Restricted Access and Caution Warning Signs	\$40-50/ each
	Trauma-type First Aid Kit	\$150-250/ each
	Emergency Eye Wash	\$150-200/ each
	Timer or Stopwatch	\$20-25/ each
	Safety Harness with 150' dry line retrieval ropes 12.7 mm	\$50-70/ each
	Locking Carabineers	\$10-20/ each
	ABC Fire Extinguisher	\$10-20/ each
	Class D Fire Extinguisher	\$300-500/ each
	Hand Lights, explosive-proof	\$100-200/ each
	Air Compressors suitable for refilling self-contained breathing apparatus (SCBA or operator air-supplied respirators)	\$75-300/ each
	Generator	\$450-3,000/ each
	Electric Cord Reels	\$200-300/ each
	Copper Grounding Rods, 3/4" x 6' (minimum length) with slide	\$25-200/ each
	Grounding Cables, point-type clamps on both ends, 1/2" steel (uninsulated) 50' minimum	\$25-200/ each
	Multi-Meter, electrical, intrinsically safe	\$1,800-4,000/ each
	Mask Leak/Fit Tester	\$8,000-30,000/ each
	Backless Stools	\$70-130/ each
	Ground Resistance Tester	\$200-1,900/ each

Operational Equipment		Estimated Cost/Unit
	Traffic Safety Vests	\$15-25/ each
	Coveralls (Nomex or Tyvek optional)	\$20-100/ each
	Explosive-proof Exhaust Fans	\$75-300/ each
	Megaphone/Public Address System	\$120-160/ each
	Rapid Deployment Hardwall or Softwall shelter systems and Control, Triage, etc.	\$2,000-18,000/ each
	Environmental Control System for Shelter Systems	\$1,600-3,000/ each
	Collective Protective Systems for Shelters	\$200-700/ each
	Litter Decontamination Mass Casualty	\$200-700/ each
	Field Cart	\$75-200/ each
	Commercial Vehicles with Run-Flat tires: Vans, SUVs and Trucks for personnel transportation and equipment movement	\$20,000-75,000/ each
	Mobile WMD Command Center	\$80,000-100,000/ each
	General Purpose Freezer/Refrigerator	\$100-300/ each
	Helmet Mounted Lighting System	\$5-15/ each
	Portable Area Illumination	\$30-100/ box
	Water Trailers/Source (potable and nonpotable)	\$5,000-10,000/ each
	Heat Stress Monitor (ambient and personal)	\$2,000-3,000/ each
	Hazardous Material Shipping Containers	\$10-100/ each
	Vehicle and Equipment Maintenance Packages	TBD
	Housing, Subsistence and Sanitation (Field Support) for Forces	TBD
	Overpacks	\$100-500/ each
	Miscellaneous Non-sparking Tool Kit, to include bung and spanner wrenches	\$100-500/ each
	Chemical Leak Control Kits	\$50-100/ each
	Portable Air Cylinder Carts	\$100-500/ each
	Equipment Bags	\$50-200/ each
	Modular Back Packs	\$50-200/ each

Operational Equipment		Estimated Cost/Unit
	Duty Gear and Modular Load Bearing Systems/Operational	\$100-125/ each
	Handheld Illumination	\$100-200/ each
	Medical Casualty Bags, CDC Standard	\$50-100/ each
	Optics: Thermal Imaging and/or Light Amplification	\$11,000-13,000/ each
	Individual Sleeping Systems: Bags and Bivys	\$100-500/ each
	Storage Containers	\$5-30/ each
	Evidence Bags	\$5-20/ each
	Lock Out /Tag Out Systems	\$170-350/ each
	Binoculars	\$20-500/ each
	Capture and Containment System	\$100-1,000/ each
	Tactical Body Armor	\$1,000-3,000/ each
	Operation Area Personnel Tracking and Accountability System	\$1,000-3,000/ each
	Access Control and Badge System	\$1,000-3,000/ each

Explosive Device Mitigation and Remediation		Estimated Cost/Unit
	Additional cylinders for RPS	\$500 - \$2,000/ each
	Adhesive Tape	\$10 - \$30 each
	Air Purifying Respirators (APR) with Chem/bio filters	\$200 - \$400/ each
*	Ballistic Threat Body Armor (not for riot suppression)	\$8,000-12,000/ each
*	Ballistic Threat Helmet (not for riot suppression)	\$2,000 - \$4,000/ each
	Battery Operated Tools	\$50 - \$100/ each
	Battery Tester	\$50 - \$75/ each
*	Blast and Ballistic Threat Eye Protection (not for riot suppression)	\$20 - \$30/ each
*	Blast and Overpressure Threat Ear Protection (not for riot suppression)	\$40 - \$60/ each
*	Bomb Search Protective Ensemble for Chemical/Biological Response	\$12,000-18,000/ each

Explosive Device Mitigation and Remediation		Estimated Cost/Unit
*	Chemical/Biological Protective Undergarment for Bomb Search Protective Ensemble	\$100-200/ each
*	Cooling Garments to manage heat stress	\$300-500/ each
*	Dearmer/Disrupter	\$3,000-4,000/ pair
	Drill Bits	\$100 - \$200/ each
	Electric Hand Tools	\$400 - \$600/ each
	Electric Stethoscope, Stethoscope	\$800 - \$1,000/ each
	End Cap Remover	\$200 - \$400/ each
	Explosive Tools (including but not limited to boothanger, shape charges, MWB disrupters, etc.)	\$1,500 - \$2,000/ each
	Explosive-Proof Flashlight	\$25 - \$75/ each
	Extra Cassettes for X-Ray	\$200 - \$400/ each

Explosive Device Mitigation and Remediation		Estimated Cost/Unit
	Extra X-Ray Intensifying Plates	\$100 -\$200/ each
*	Fiber Optic Kit (inspection or viewing)	\$20,000-30,000/ kit
*	Fire Resistant Gloves	\$40-60/ pair
	First Aid Kit	\$50 - \$75 each
	Grappling and Treble Hooks	\$2,000 - \$3,000 each
	Hand Tools	\$150 - \$300 each
	Handsaws	\$90 - \$110 each
*	Inspection Mirrors	TBD
*	Ion Track Explosive Detector	TBD
	Metal Detector	\$3,000 - \$17,000
	Mirrors	\$40 - \$60 each
	Multi-Tester	\$300 - \$400

Explosive Device Mitigation and Remediation		Estimated Cost/Unit
	Night Vision Glasses/Goggles	\$3,000 - \$5,000
	Non-conductive Probes	\$40 - \$60
	Non-Sparking Tool Kit	\$100 - \$500
	Pipe Bomb Disabling Tool	\$2,500 - \$3,000
	Pneumatic Tools	\$800 - \$1,000
	Portable Explosive Magazines	\$1400 - \$33,000
	Portable Generator	\$130 - \$3,000
*	Portable X-Ray Unit	\$6,000-12,000/ each
	Post Blast Investigation Equipment	TBD
*	Real Time X-Ray Unit	\$20,000-30,000/ each
	Remote Opening Tools	\$4,400 - \$8,000/ each
	Respiratory Protective Equipment with individual face piece	\$50 - \$70/ each
	Rigging and Rope Equipment	\$200 - \$1,000/ each
*	Robot	\$100,000-150,000/ each
*	Robot Upgrades	\$20,000-30,000/ each
	Scalpels and Knives with Additional Blades	\$50 - \$70/ each
	Shovels, Rakes and Sifting Tools	\$100 - \$300/ each
*	Tents (standard or air inflatable) for chemical/biological protection	\$6,000-8,000/each
	Various Pulleys and Clamps	\$5 - \$100/ each
*	CBRNE Compatible Total Containment Vessel (TCV)	\$250,000-500,000/ each
*	CBRNE Upgrades for existing TCV	\$90,000-110,000/ each

CBRNE Search & Rescue Equipment		Estimated Cost/Unit
*	Breaking devices (including spreaders, saws, and hammers)	10,000-20,000/ each
*	Lifting devices (including air bag systems and hydraulic rams, jacks, ropes and block and tackle)	12,000-15,000/ each
*	Listening Devices	\$20,000-50,000/ each
*	Search cameras (including thermal and infrared imaging)	\$10,000-20,000/ each
*	Hydraulic tools; hydraulic power unit	TBD
*	Listening devices; hearing protection	TBD
*	Evacuation chairs (for evacuation of disabled personnel)	TBD
*	Ventilation fans	TBD

Interoperable Communications Equipment		Estimated Cost/Unit
	Bull Horn	\$60 - \$110/ each
*	Commercially available crisis management software	\$500-2,000/ each
*	Computer systems designed for use in an integrated system to assist with detection and communication efforts (must be linked with integrated software packages designed specifically for chemical and/or biological agent detection and communication purposes)	\$10,000-20,000/ each
	Digital Camera	\$350 - \$700/ each
	Hardwired Communications Link	\$50 - \$500/ each
*	Land Mobile, Two-Way In-Suit Communications (secure, hands-free, fully duplex, optional)	\$3,000-5,000/ each
	Laptop Computers with Modem, CD-ROM	\$1,500 - \$2,500/ each
	Multi-Channel Radios (Encrypted)	\$500 - \$5,000/each
*	Personnel Accountability Systems	\$190-300/ each
*	Personnel Alert Safety System (PASS) -- (location and physiological monitoring systems optional)	\$300-1,000/ each
	Portable FAX	\$115 - \$136/ each

Interoperable Communications Equipment		Estimated Cost/Unit
	Portable Flat Bed Scanner	\$100 - \$400/each
	Portable Generators	\$130 - \$3,000/each
	Portable Global Positioning System (GPS)	\$500 - \$1,000/each
*	Portable Meteorological Station (monitors temperature, wind speed, wind direction, and barometric pressure at a minimum)	\$5,000-25,000/ each
	Portable Tape Recorder	\$10 - \$100/ each
	Public Alert/Notification	\$10M - \$15M/ each
*	Radio Interconnect System	\$25,000-30,000/ each
*	Satellite Phone	\$600 - \$2,500/ each
*	Multi-Unit Battery Chargers	\$25 - \$500/ each
*	Single Unit Battery Charger	\$25 - \$500/ each
*	Battery Conditioning System	\$25 - \$500/ each
*	Spare Batteries for communication devices	\$60 - \$200/ each
*	Individual Portable Radio	\$2,500-3,500/ each
*	Portable Repeater	\$13,000-15,000/ each
*	Software Radio	\$0 - \$2,000/ each
	Uninterruptible Power Supply (UPS)	\$400 - \$1,200/ each
	Video Camera	\$500 - \$2,000/ each
	Video Tape Recorder	\$100 - \$250/ each
*	Antenna Systems	TBD
*	Computer-aided dispatch system	TBD
*	Mobile Display Terminals	TBD

Detection Equipment		Estimated Cost/Unit
Chemical		
	Chemical Agent Monitors	\$7,000 - \$9,000/ each
	Chemical Classifying Kits for unknown liquids, solids, and vapors	\$250 - \$2,500/ kit
	Chemical Field Test Kits	\$20 - \$30/ kit
*	Colorimetric tube/chip kit specific for TICs and CBRNE applications	\$1,100-3,200/ each
*	Flame Ionization Detector (FID)	\$6,850-20,000/ each
*	Gas Chromatograph/Mass Spectrometer (GC/MS)	\$16,975 - \$20,000/ each
*	Hazard Categorizing (HAZCAT) Kits	\$250-2,500/ kit
*	Ion mobility spectrometry	\$6,000-20,000/ each
*	Leak detectors (soap solution, ammonium hydroxide, etc.)	\$2-10/ each
*	M-18 Series chemical agent detector kit for surface/vapor chemical agent analysis	\$900-1,000/ kit
*	M-256 Detection Kit for chemical agent (weapons grade-blister: CX/HD/L blood: AC/CK; and nerve GB/VX detection)	\$182-400/ kit
*	M-256 Training Kit	\$286-410/ kit
*	M-272 chemical agent water test kit	\$200-300/ each
*	M-8 Detection Paper for chemical agent identification	\$225-350/ box
*	M-9 Detection Paper (roll) for chemical agent (military grade) detection	\$51-60/ roll
*	Multi-gas meter with minimum of O2 and LEL	\$1,875-4,000/ each
	Non-intrusive Detector for WMD and TICs	\$1,000 - \$4,000/ each
*	Oxidizing paper	\$10-20/ pack
	PCB Test Kits	TBD
*	Stand-off chemical detector	\$9,000-18,000/ each
	Pesticide Screening Kit	TBD

Detection Equipment		Estimated Cost/Unit
*	pH paper / pH meter	\$10-20/ each
*	Photo-Ionization Detector (PID)	\$4,000-7,000/ each
*	Protective cases for sensitive detection equipment storage and transport	TBD
*	Stand-off Chemical Detector	TBD
*	Surface Acoustic Wave Detector	\$6,000-20,000/ each
*	Waste water classifier	\$200-2,000/ each
Radiological/Nuclear		
*	Radiation detection equipment (electronic or other technology that detects alpha, beta or gamma, and high intensity gamma)	\$1,000-10,000/ each
*	Personal dosimeter	\$100-160/ each
*	Scintillation Fluid (radiological) pre-packaged 4L	\$30-50/ each
*	Radiation Monitors	\$3,000 - \$4,000/ each
	Radiation Pagers	\$2,000 - \$3,000/ each
Biological		
	Biological Agent Monitors	\$20 - \$30/ each
	Biological Field Test Kits	\$20 - \$30/ kit
	Laboratory Analysis – ELISA System	\$500 - \$600/ each
	Laboratory Analysis-PCR	\$80 - \$100/ each
*	Point detection systems/kits (immunoassay or other technology)	\$75-4,125/ kit
Explosive		
*	Canines (initial acquisition, initial operational capability only)	TBD
Support		
	Squirt Bottle	\$5 - \$20/ each
	Distilled Water	\$5 - \$10/ each
	Ammonia for chlorine detection	\$5 - \$10/ each

Detection Equipment		Estimated Cost/Unit
	Heat Sensor – Infrared	\$100 - \$1,000/ each
	Surface Thermometer	\$10 - \$100/ each
	Drum Thieves	\$25 - \$100/ each
	Grab Sampling Tubes	\$25 - \$100/ each
	Plastic or Brass Scoops and Trowels	\$10 - \$30/ each
	Sample Jars	\$3 - \$10/ each
	Glass or Plastic Pipettes with aspiration bulb	\$50 - \$100/ each
	Tweezers	\$2 - \$10/ each
	Containment Vessels	\$100 - \$1,000/ each
	Biological Automated perimeter sampling systems	\$7,000 - \$12,000/ each
	Biological Batch Sampling System	\$7,000 - \$12,000/ each
	Biological Continuous Sampling System	\$7,000 - \$12,000/ each
	Biological Portable air sampler	\$7,000 - \$12,000/ each
	Liquid Chemical Sampling/Evidence kits	\$250 - \$1,000/ kit
	Solid Chemical Sampling/Evidence kits	\$250 - \$1,000/ kit
	Air/Vapor Chemical Sampling/Evidence kits	\$250 - \$1,000/ kit

Decontamination Equipment		Estimated Cost/Unit
	5-gallon Buckets	\$10 - \$20/ each
	Backless Stools	\$70 - \$130/ each
	Boundary Marking System	\$10 - \$20/ each
	Brushes	\$10 - \$30/ each
	Casualty and Personal Property Tracking System	\$200 - \$1,000/ each
	Clothing Removal Devices (scissors, razor blades, etc.)	\$5 - \$15/ each
	Containment Basins – Vehicle and personnel-sized	TBD
	CW-hardened disposable Personal Property Bags	\$100 - \$150/ box
	Decontamination Corridor Ground Cover	\$50 - \$130/ each
	Decontamination Litters/roller systems	\$300 - \$500/ each
	Decontamination Applicator and available solutions for equipment	\$12,000 - \$20,000/ each
	Decontamination Applicator and available solutions for personnel	\$20 - \$100/ each
	Decontamination Trailer – Multi-water source and Prime Mover	\$7,000 - \$100,000/ each
	Disposable Modesty Clothing with footwear (adult and child sizes)	\$5 - \$10/ each
	Disposable Space Blankets	\$10 - \$25/ each
	Disposable Towels	\$5 - \$15/ each
	Drum Liners	\$10 - \$30/ each
	Equipment Decontamination kit	\$300 - \$500/ box
	Folding Tables	\$40 - \$50/ each
	Garden Hose with nozzles	\$10 - \$50/ each
	Hand-operated Diaphragm Pumps with hoses	\$4,000 - \$6,000/ each
	Patient Isolation Bags	\$50 - \$100/ each
	Personal Decontamination Packets or Kits	\$100 - \$150/ box
	Pressurized Sprayers	\$100 - \$500/ each
	Sponges	\$1 - \$5/ each

Decontamination Equipment		Estimated Cost/Unit
	Traffic Cones and Directional Signage in multiple languages or pictographs	\$100 - \$500/ each
	Transportation and Shipping Containers for contaminated clothing and equipment	\$10 - \$100/ each
Chemical		
*	Decontamination shower waste collection with intrinsically safe evacuation pumps	\$884-1124/ each
*	Decontamination system for individual and mass application with environmental controls, water heating systems, showers, lighting, and transportation (trailer),	\$20,000-300,000/ each
*	Decon litters/roller systems	\$300 - \$500/ each
*	Extraction litters (rollable)	\$300-500/ each
*	Hand Carts	TBD
*	Non-transparent cadaver bags (CDC standard)	\$75-100/ each
*	Overpack drums	\$100-500/ each
*	Run-off containment bladder(s)	\$500-800/ each
*	Spill containment devices	\$50-700/ each
*	Waste water classification kits/strips	TBD
Biological		
*	High Efficiency Particulate Air (HEPA) Vacuum for dry decontamination	\$3,000-3,200/ each

Physical Security Enhancement Equipment		Estimated Cost/Unit
Surveillance, Warning, Access/Intrusion Control		
	Ground	
*	Alarm systems	\$1,000-500,000/ each
*	Barriers, fences, jersey walls	\$100-500/ each
*	Impact resistant doors and gates	\$300-5,000/ each
*	Vehicle identification: visual, electronic, acoustic, laser, radar	\$25,000-500,000/ each
*	Magnetometers	TBD
*	Motion detector systems: acoustic, infrared, seismic, magnetometers	\$25,000-500,000/ each
*	Personnel identification visual: electronic, acoustic, laser, scanners, ciphers/codes	\$1,000-500,000/ each
*	Portal systems	\$400,000-900,000/ each
*	Video Assessment/Cameras: standard low light, IR, automated detection	\$1,000-500,000/ each
*	X-Ray Units	\$7,000-75,000/ each
	Waterfront (In addition to items under “Ground”)	
*	Diver/Swimmer detection systems, sonar	\$500,000-1,000,000/ each
*	Hull scanning equipment	\$80,000-300,000/ each
*	Impact resistant doors and gates	\$300-5,000/ each
*	Portal systems	\$400,000-900,000/ each
*	Radar systems	\$13,000-75,000/ each
*	Video Assessment/Cameras: standard low light, IR, automated detection	\$1,000-500,000/ each
Sensors — Agent/Explosives Detection		
*	Biological: Active/Passive, Mobile/Fixed, Handheld	\$4,000-750,000/ each

Physical Security Enhancement Equipment		Estimated Cost/Unit
*	Chemical: Active/Passive, Mobile/Fixed, Handheld	\$4,000-250,000/ each
*	Ground/Wall penetrating radar	\$20,000-100,000/ each
*	Nuclear	\$5,000-20,000/ each
*	Radiological	\$1,000-10,000/ each
Inspection/Detection Systems		
*	Mobile search & inspection system--X-Ray	\$20,000-50,000/ each
*	Non-invasive radiological/chemical/biological explosives systems--pulsed neutron activation	\$12.5 million/ each
*	Vehicle & cargo inspection system--gamma ray	\$9,000-15,000/ each
Explosion Protection		
*	Blast/shock/impact resistant systems	\$1,000-250,000/ each
*	Column and surface wraps, breakage/shatter resistant glass, window wraps, robotic disarm/disable systems	\$1,000-200,000/ each
*	Protective clothing	\$8,000-12,000/ each
*	Robotic Disarm/Disable Systems	\$150,000 - \$200,000/ each

Terrorism Incident Prevention Equipment (Terrorism Early Warning, Prevention, and Deterrence Equipment and Technologies)		Estimated Cost/Unit
*	Data collection/information gathering software	TBD
*	Data synthesis software	TBD
*	Geographic Information System information technology and software	TBD
*	Law enforcement surveillance equipment	TBD

CBRNE Logistical Support Equipment		Estimated Cost/Unit
*	Equipment trailers	\$3,000-20,000/ each
*	Weather-tight containers for equipment storage	TBD
*	Software for equipment tracking and inventory	TBD
*	Handheld computers for Emergency Response applications	TBD
*	Small Hand tools	TBD
*	Binoculars, head lamps, range finders and spotting scopes (not for weapons use)	TBD
*	Small Generators to operate light sets, water pumps for decontamination sets	TBD
*	Light sets for nighttime operations/security	TBD
*	Electrical Current detectors	TBD
*	Equipment harnesses, belts, and vests	TBD
*	Isolation containers for suspected chemical/biological samples	TBD
*	Bull horns	TBD
*	Water pumps for decontamination systems	TBD
*	Bar code scanner/reader for equipment inventory control	TBD
*	Badging system equipment and supplies	TBD
*	Cascade system for refilling SCBA oxygen bottles	TBD
*	SCBA fit test equipment and software to conduct flow testing	TBD
*	Testing Equipment for fully encapsulated suits	TBD
*	Cooling/Heating/Ventilation Fans (personnel and decontamination tent use)	TBD
*	HAZMAT Gear Bag/Box	TBD

CBRNE Incident Response Vehicles		Estimated Cost/Unit
*	Mobile command post vehicles	TBD
*	Hazardous materials (HazMat) response vehicles	TBD
*	Bomb response vehicles	TBD
*	Prime movers for equipment trailers	TBD
*	2-wheel personal transport vehicles for transporting fully suited bomb technicians, Level A/B suited technicians to the Hot Zone	TBD
*	Multi-wheeled all terrain vehicles for transporting personnel and equipment to and from the Hot Zone	TBD

Medical Supplies and Pharmaceuticals		Estimated Cost/Unit
Medical Supplies		
*	21 ga ½" needles (for syringes)	\$1-2/ each
*	26 ga 1 ½" needles (for syringes)	\$1-2/ each
	Alcohol Prep Pads	\$5 - \$15/ box
*	Automatic biphasic external defibrillators	\$3,000-7,000/ each
	Bags, Biohazard	\$15 - \$40/ roll
	Bandage – Elastic (assorted sizes)	\$2 - \$10/ box
	Bandage, Triangular	\$1 - \$5/ each
	Bretylium Tosylate	\$5 - \$35/ each
	Brush, Betadine	\$2 - \$10/ each
	Betadine Applicators (Providone iodine)	\$5 - \$10/ box
	Biohazard Bag	\$15 - \$40/ roll
	Bite Block	\$5 - \$10/ box
*	Blood Pressure Cuffs	TBD
	Blood Pressure Set (infant, pediatric, and adult)	\$10 - \$20/ each
	Blood Pressure Set – Leg (adult)	\$15 - \$25/ each
*	Catheters (for airway)	TBD
	Charcoal, Activated	\$10 - \$20/ each
	Chest Tubes	\$15 - \$40/ each
*	CO ₂ Detection devices for O ₂ System	TBD
*	Eye lens for lavage or continuous medication	\$20-50/ each
*	Gauze, all sizes	\$30 - \$40/ box
	Gloves – Latex (assorted sizes)	\$5 - \$15/ dozen
	Gloves – Sterile (non-latex, assorted sizes)	\$15 - \$25/ box

Medical Supplies and Pharmaceuticals		Estimated Cost/Unit
	Gowns – Isolation (Disposable)	\$5 - \$30/ each
	Heimlich Valve for Chest Tube	\$10 - \$25/ each
	Heparin Flush Kits (Buff Caps)	\$15 - \$30/ kit
	Heparin Lock adapter	\$1 - \$5/ each
*	IV administration sets (macro and micro)	\$5-20/ each
*	IV catheters (14, 16, 18, 20, and 22 gauge)	\$1-5/ each
*	IV catheters (butterfly 22, 24, and 26 gauge)	\$1-5/ each
	IV Extension Set	\$1 - \$5/ each
	IV Pressure Infusion Bag 1000cc (Disposable)	\$15 - \$35/ each
	IV Set – Butterfly	\$1 - \$5/ each
	Laryngoscope Blade (assorted sizes) – Miller and Macintosh	\$20 - \$75/ each
	Laryngoscope Handle	\$50 - \$200/ each
*	Manual biphasic defibrillators	\$3,000-7,000/ each
*	Morgan Eye Shields	TBD
*	Nasal Cannula	\$1 - \$10/ each
*	Nasogastric tubes	\$20-50/ each
	Nasopharyngeal Airway (assorted sizes)	\$5 - \$10/ each
	Nebulizer – Hand Held	\$10 - \$15/ each
	Needle (assorted gauges)	\$1 - \$5/ each
	Needle – Intraosseous	\$1 - \$5/ each
	Obstetrical Kit	\$20 - \$30/ each
*	Oropharyngeal Airway (assorted sizes)	\$2.50-4/ each
	Otoscope/Ophthalmoscope	\$75 - \$300/ each
*	Oxygen “Y” Yoke	\$20 - \$75/ each

Medical Supplies and Pharmaceuticals		Estimated Cost/Unit
*	Oxygen Cylinder – “E”, “M”	\$30 - \$100/ each
*	Oxygen Mask – Non-rebreather (adult, pediatric)	\$5 - \$15/ each
*	Oxygen Regulator – “E”, “M”	\$100 - \$200/ each
*	Oxygen Tank Wrench	\$1 - \$10/ each
*	Oxygen Tubing – High Press (50” and 100”, male/female connector)	\$20 - \$100/ each
	Pack – Thomas	\$50 - \$100/ each
*	Portable ventilators	\$20-1,000/ each
*	Pulmonary Fit Tester	TBD
	Pulse Oximeter with Soft Case	\$250 - \$1,000/ each
	Shears – Trauma/Medic	\$1 - \$10/ each
	Shield – Eye Irrigation Lens	\$10 - \$15/ each
	Splint – SAMM	\$25 - \$35/ each
*	Sterile and Non-Sterile dressings, all forms and sizes	TBD
*	Stethoscope	\$15 - \$50/ each
*	Suction Kit	\$60 - \$200/ each
*	Suction Unit – Battery Operated with Battery Charger and Batteries	\$200 - \$1,000/ each
	Surgical Mask with Eye Shield	\$10 - \$20/ each
	Suture Kit – 7” Needle Holder	\$30 - \$60/ each
	Suture Kit – Disposable	\$30 - \$60/ each
	Suture Kit – Laceration Tray	\$30 - \$60/ each
	Suture Kite – Wound	\$16 - \$60/ each
	Suture (assorted kinds and sizes)	\$16 - \$60/ each
*	Syringes (3cc and 10cc)	\$1-5/ each
	Syringe – Tubex Injector Device	\$15 - \$20/ each

Medical Supplies and Pharmaceuticals		Estimated Cost/Unit
	Tape – Adhesive (assorted sizes)	\$15 - \$25/ box
	Tape – Cloth (assorted sizes)	\$20 - \$30/ box
	Telfa Adhesive Pad	\$15 - \$20/ box
	Tongue Depressor	\$1 - \$5/ each
	Tourniquet – Disposable	\$25 - \$35/ roll
*	Triage Tags and Tarps	TBD
*	Veniflow Manifold	TBD

Medical Supplies and Pharmaceuticals		Estimated Cost/Unit
Medical Equipment		
	Backboard - Disposable	\$75 - \$100/ each
*	Bag Valve Mask – Disposable (adult & pediatric rescue)	\$15 - \$60/ each
	Bags – Victim Possession (25/case)	\$40 - \$70/ case
	Bags - Biohazard	\$15 - \$40/ roll
	Bags – Body (heavy-duty)	\$50 - \$100/ each
	Battery Tester – 12 volt	\$10 - \$20/ each
	Batteries (assorted sizes)	\$10 - \$25/ pack
	Bed sheets – Disposable	\$1 - \$5/ each
	Biohazard Bag	\$15 - \$40/ roll
	Blanket – Disposable Emergency	\$1 - \$3/ each
	Bleach – 5%	\$5 - \$10/ gallon
	Debridement Kits	\$30 - \$150/ each
	Defibrillator with 12-lead ECG adapter	\$3,000 - \$20,000/ each
	Defibrillator – AC auxiliary power supply	\$300 - \$600/ each
	Defibrillator Battery Support System	\$500 - \$1,500/ each
	Defibrillator External Pediatric Paddle	\$100 - \$200/ each

Medical Supplies and Pharmaceuticals		Estimated Cost/Unit
	Defibrillator/Monitor/Pacemaker	\$3,000 - \$20,000/ each
	Digital Thermometer	\$20 - \$100/ each
	Dressing – Adhesive (Sterile)	\$5 - \$10/ pack
	Dressing – Sterile (assorted sizes)	\$5 - \$20/ pack
*	Endotracheal Tube – Adult & pediatric	\$5 - \$30/ each
*	Endotracheal Tube Stylette – Adult & pediatric	\$5 - \$30/ each
	Faceshield - Chemical	\$5 - \$10/ each
	Electrolyte Replacement Fluid	\$2 - \$7/ each
	Disposable Wipes	\$5 - \$10/ box
	Sheets - Disposable	\$1 - \$3/ each
	Towels – Cotton (disposable)	\$3 - \$10/ each

Medical Supplies and Pharmaceuticals		Estimated Cost/Unit
Pharmaceuticals		
*	2Pam Chloride	\$15-20/ each
*	Adenosine 5 gm	\$13-17/ each
*	Adenosine 25 gm	\$42-48/ each
*	Adenosine 10 gm	\$118-140/ each
*	Albuterol sulfate .083% - INJ 3 ml 25s UD	\$30-40/ each
*	Albuterol MDI 3 ml	\$20-40/ each
	Amyl Nitrite	\$30 - \$40 box
*	Atropine Sulfate - Vial 0.4 mg/ml 1 ml 25s	\$10-30/ each
*	Atropine Sulfate - Vial 0.4 mg/ml 1 ml 100s	\$40-100/ each
*	Atropine Auto Injectors	\$14-20/ each

Medical Supplies and Pharmaceuticals		Estimated Cost/Unit
	Atrovent	\$30 - \$60/ each
	Bactrim	\$2 - \$20/ each
	Benzathine penicillin	\$10 - \$50/ each
*	Benadryl – Vial 50 mg/ml 1 ml 10s	\$15-20/ each
*	CANA Auto Injectors	\$20-426/ each
*	Calcium Chloride – Vial 100 mg/ml 10 ml 10s	\$140-170/ each
*	Calcium Gluconate – vial 100 mg/ml 10 ml 10s	\$25-40/ each
*	Ciprofloxin TAB 250 mg 100s	\$350-400/ each
*	Ciprofloxin TAB 500 mg 100s	\$415-510/ each
*	Ciprofloxin TAB 750 mg 100s	\$430-520/ each
*	Cyanide Antidote Kits	\$275-325/ each
	Diazepam, 10mg vial for injection	\$12 - \$50/ each
	Digoxin	\$28 - \$60/ each
	Diphenhydramine	\$2 - \$20/ each
*	Dextrose INJ 5% 100 ml 25s	\$125-130/ each
*	Dextrose INJ 10% 500 ml	\$12-20/ each
*	Dopamine Hydrochloride - Vial 40 mg/ml 5 ml 25s	\$50-80/ each
	Doxicillin	\$1-2/ each
*	Doxycycline - TAB 100 mg 500s	\$60-80/ each
*	Epinephrine 1:1,000 1 mg/ml 30cc syringe	\$8-10/ each
*	Epinephrine 1:10,000 2 lg syringe	\$2-4/ each
	Fortaz (Ceftazidime)	\$15 - \$35/ each
	Fosphenytoin	\$5 - \$50/ each

Medical Supplies and Pharmaceuticals		Estimated Cost/Unit
*	Glucagon – PDI, IJ 1mg	\$48-70/ each
	Haloperidol	\$12 - \$50/ each
	Hydroxocobalamine	\$6 - \$48/ each
	Iodine - 5% sol 500 ml	\$12-17/ each
	KI (Potassium Iodide)	\$2 - \$20/ each
	Lactated Ringers Solution	\$30 - \$60/ each
*	Lasix TAB 20 mg 100s	\$19-21/ each
*	Lasix TAB 40 mg 100s	\$26-29/ each
*	Lasix TAB 80 mg 50s	\$21-25/ each
*	Lidocaine Vial 0.5% 50 ml 25s	\$99-110/ each
*	Lidocaine Vial 1% 50 ml 25s	\$84-90/ each
*	Loperamide – CAP 2 mg 100s	\$11-15/ each
*	Magnesium Sulfate – INJ 500 mg/ml 2 ml 100s	\$67-80/ each
	Mark 1 Auto-Injector	\$10 - \$30/ each
*	Methylprednisolone 4 mg BH/2 lg	\$8-11/ each
	Morphine Sulfate	\$5 - \$30/ each
*	Narcan – INJ 10 mg/ml 1 ml 10s	\$32-40/ each
	Nifedipine	\$20 - \$60/ each
*	Nitroglycerin - CER 2.5 mg 100s	\$11-15/ each
*	Nitroglycerin for injection	\$25 - \$60/ each
*	Normal Saline – INJ 0.9% 10 ml	\$2-5/ each
*	Nubain – INJ 10 mg/ml 10 ml	\$24-30/ each
	PCN/Bezathine	\$10 - \$50/ each

Medical Supplies and Pharmaceuticals		Estimated Cost/Unit
	Phenytoin	\$5 - \$20/ each
	Polysporin Ointment	\$1 - \$10/ each
	Potassium Chloride	\$5 - \$25/ each
*	Potassium Iodide tablet	\$2 - \$20/ each
	Pralidozime Chloride – (2-PAM/Protopam)	\$5 - \$25/ each
	Procardia (Nifedipine)	\$5 - \$60/ each
	Rifampin capsule	\$3 - \$10/ each
	Saline	\$2 - \$5/ each
*	Silver Sulfadiazine – CRE 1% 400 gm	\$25-30/ each
*	Sodium Bicarbonate – INJ 7.5% 50 ml 10s	\$225-400/ each
	Solu-Medrol (Methylpred)	\$5 - \$35/ each
*	Sterile Water – 1000 ml USP	\$2-4/ each
	Streptomycin	\$5 - \$20/ each
	Tenormin (Atenolol)	\$5 - \$60/ each
*	Tertracaine - POW 100 gm	\$121-195/ each
	Theophylline	\$5 - \$60/ each
*	Thiamine – INJ 100 mg/ml 1 ml 10s	\$25-30/ each
	Toradol (Ketorolac)	\$5 - \$60/ each
*	Valium – Vial 5 mg/ml 10 ml	\$22-30/ each
	Vanceril (Beclomethasone)	\$5 - \$60/ each
	Verapamil - Vial 2.5 mg/ml 4 ml 10s	\$63-66/ each

OFFICE FOR DOMESTIC PREPAREDNESS (ODP)

ODP has compiled a compendium of courses to inform state and local response agencies of Federal training that is available in the area of WMD. The following pages in this appendix provide references to these federally-conducted WMD terrorism courses. The training course matrix is arranged by ODP WMD Training Level (Awareness, Performance level Defensive and Offensive, and Planning/Management). The disciplines for which the courses are applicable are indicated in matrix form next to each class. Also indicated for each course is the sponsoring Federal agency. For more detail on each course see the respective website for each Federal course provider as indicated below. This compendium is maintained in its entirety on the ODP website: www.ojp.usdoj.gov/odp.

Agency	Website
CDC: Centers for Disease Control and Prevention	http://www.cdc.gov
DOE: Department of Energy	http://energy.gov
DOJ: Department of Justice	http://www.ojp.usdoj.gov/odp
EMI: Emergency Management Institute	http://training.fema.gov/EMIWeb
FEMA: Federal Emergency Management Agency	http://www.training.fema.gov/
HHS: Health and Human Services	http://www.os.dhhs.gov
NFA: National Fire Academy	http://www.usfa.fema.gov/dhtml/fire-service/nfa.cfm

Training Course Matrix Awareness Level													
Awareness Level			Discipline										
Course Number	Course	Provider	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH	Cert. Trnr.
AWR-103	Managing Civil Actions in Threat Incidents (MCATI) Basic Course	ODP	X										
AWR-110	Terrorism Awareness for Emergency First Responders http://www.teexwmdcampus.com	ODP	X	X	X	X	X	X	X	X	X	X	
AWR-111	Emergency Medical Services (EMS) http://www.teexwmdcampus.com	ODP		X							X	X	
AWR-112	Public Works for WMD Awareness http://www.teexwmdcampus.com	ODP						X		X			
AWR-120	Law Enforcement Response to WMD Incidents	ODP	X										
AWR-121	Law Enforcement Response to WMD Incidents (<i>Train-the-Trainer</i>)	ODP	X										X
AWR-130	Incident Response to Terrorist Bombings – Awareness	ODP		X		X							
	WMD Radiological/Nuclear Awareness	ODP	X	X	X	X	X	X	X	X	X	X	

Training Course Matrix Performance Defensive – Operations													
Performance Defensive			Discipline										
Course Number	Course	Provider	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH	Cert. Trmr.
PER-200	WMD Crime Scene Management	ODP	X	X		X	X						
PER-201	WMD Evidence Collection	ODP	X			X	X						
PER-202	Managing Civil Actions in Threat Incidents (MCATI) Improvised Protester Devices Course	ODP	X			X	X						
PER-210	Public Works: Planning for and Responding to a Terrorism/WMD Incident	ODP						X			X		
PER-211	Emergency Medical Services Operations and Planning for WMD	ODP		X							X	X	
PER-220	Emergency Response to Domestic Biological Incidents	ODP	X	X		X	X		X		X		
PER-221	WMD Tactical Operations	ODP	X										
PER-222	Surveying and Forensic Sampling for Biological Incidents	ODP				X	X						
PER-223	Computer Aided Management of Emergency Operations (CAMEO)	ODP			X				X				
PER-224	Law Enforcement Response to WMD Incidents – Operations	ODP	X										

Training Course Matrix (Cont.) Performance Defensive – Operations													
Performance Defensive			Discipline										
Course Number	Course	Provider	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH	Cert. Tmr.
PER-230	Incident Response to Terrorist Bombings – Operations	ODP	X	X		X	X						
PER-240	WMD Radiological/Nuclear Operations	ODP	X	X		X	X						
PER-241	WMD Radiological/Nuclear Course for HazMat Technicians	ODP				X	X						
PER-250	Emergency Response to Terrorism: Operations (Train-the-Trainer)	ODP	X	X		X	X						X
PER-260	WMD Emergency Response Training Course (Live-Agent)	ODP	X	X	X	X	X		X				
PER-261	WMD HazMat Technician (Live-Agent)	ODP				X	X						
	Incident Complexities (WMD)	ODP	X	X	X	X	X	X	X	X	X	X	
	Hands-on-Training (HOT)	ODP	X	X	X	X	X	X	X	X	X	X	
	WMD Incident Operations	ODP	X	X	X	X	X	X	X	X	X	X	

Training Course Matrix Planning/Management Level													
Planning/Management Level				Discipline									
Course Number	Course	Provider	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH	Cert. Tmr.
MGT-300	Managing Civil Actions in Threat Incidents (MCATI) Command Course	ODP	X	X	X	X	X						
MGT-310	WMD: Threat and Risk Assessment	ODP	X		X	X	X	X	X				
MGT-311	Mayors' Executive Seminar	ODP							X				
MGT-312	Senior Officials' Workshop	ODP	X		X	X	X	X	X		X	X	
MGT-313	WMD Incident Management/Unified Command	ODP	X	X	X	X	X	X				X	
MGT-320	Integrated Response to Domestic Biological Incidents	ODP	X	X	X	X	X						
MGT-360	WMD Incident Command Training Course (Live-Agent)	ODP	X	X	X	X	X					X	
MGT-380	Managing WMD – Executive Level Program for Sheriffs	ODP	X										
MGT-390	Hospital Emergency Management: Concepts and Implications of WMD Incidents	ODP		X		X	X				X	X	
	WMD Incident Command	ODP	X	X	X	X	X	X	X	X	X	X	

Training Course Matrix Videos													
Videos				Discipline									
Course Number	Course	Provider	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH	Cert. Tmr.
VID-001	Surviving Weapons of Mass Destruction		X	X	X	X	X	X	X	X	X	X	
VID-002	Weapons of Mass Destruction and the First Responder		X	X	X	X	X	X	X	X	X	X	
VID-003	Surviving the Secondary Device: The Rules Have Changed		X	X	X	X	X	X	X	X	X	X	
VID-004	Using ICS in a WMD Incident		X	X	X	X	X	X	X	X	X	X	
VID-005	Using Unified Command in a WMD Incident		X	X	X	X	X	X	X	X	X	X	
VID-006	Responding to a WMD/HazMat Crime Scene		X	X	X	X	X	X	X	X	X	X	
VID-007	WMD Crime Scene Management		X	X	X	X	X	X	X	X	X	X	

OFFICE FOR DOMESTIC PREPAREDNESS EXERCISE DEFINITIONS

Seminars: Seminars are generally employed to orient participants to, or provide an overview of, authorities, strategies, plans, policies, procedures, protocols, response resources, or concepts and ideas. Seminars provide a good starting point for jurisdictions that are developing or making major changes to their plans and procedures. They provide a learning experience for the target audience and offer the following attributes:

- Low-stress environment employing a number of instruction techniques, such as lecture, multimedia presentations, panel discussions, case study discussions, expert testimony, and decision support software
- Informal discussions led by a seminar leader
- Not constrained by real time portrayal of events
- Effective with both small and large groups

Workshops: Workshops usually focus on development of a product by the attendees. Organization of attendees into functional groupings aided by facilitators, and the use of breakout sessions, are common. Final results are often presented and approved in a plenum session. In conjunction with exercise development, workshops are most useful in achieving specific aspects of exercise design, such as:

- Determining exercise objectives
- Developing exercise scenario and key events listing
- Determining evaluation elements and standards of performance

Drills: A drill is a coordinated, supervised activity usually employed to test a single specific operation or function in a single agency. Drills are commonly used to provide training with new equipment, to develop or test new policies or procedures, or to practice and maintain current skills. Typical attributes include:

- A narrow focus, measured against established standards
- Instant feedback
- Realistic environment
- Performance in isolation
- Performance as a subset of full-scale exercises (FSEs)

Games: A game is a simulation of operations that often involves two or more teams, usually in a competitive environment, using rules, data, and procedures designed to depict an actual or assumed real life situation. It does not involve the activities of actual resources, and the sequence of events affects, and is in turn affected by, the decisions made by the players.

Players are commonly presented with scenarios and asked to perform a task associated with the scenario episode. Each episode is moved to the next level of detail or complexity, taking into account the players' earlier decisions. The decisions made by game participants determine the flow of the game. The goal is to explore decision-making processes and the consequences of decisions. In a game, the same situation can be examined from a series of perspectives by changing variables and parameters that guide player actions. Large-scale games are multi-jurisdictional and can include active participation from local to national levels of government. Games stress the importance of the planners' and players' understanding and comprehension of interrelated processes.

With the evolving complexity and sophistication of current simulations, there are increased opportunities to provide enhanced realism for game participants. The use of computer-generated scenarios and simulations can provide a more realistic and time-sensitive method of introducing situations for analysis. Planner

decisions can be input and models run to show the effect of decisions made during a game. Distributed games (available through the Internet) offer many additional benefits, such as saving participants' time and travel expenses, more frequent training opportunities, and less time away from primary functions. They also provide a collaborative environment that reflects realistic occurrences. Games are excellent vehicles for the following:

- Gaining policy or process consensus
- Conducting “what-if” analyses of existing plans
- Developing new plans

Tabletop Exercises: (Equivalent to FEMA Tabletop exercise): Tabletop Exercises (TTXs) involve senior staff, elected or appointed officials, or other key staff in an informal setting to discuss simulated situations. This type of exercise is intended to stimulate discussion of various issues regarding a hypothetical situation. It can be used to assess plans, policies, and procedures, or to assess types of systems needed to guide the prevention, response to, and recovery from, the defined event. TTXs typically are aimed at facilitating the understanding of concepts, identification of strengths and shortfalls, and/or achieving a change in attitude. Participants are encouraged to discuss issues in depth, and develop decisions through slow-paced problem solving rather than rapid, spontaneous decision-making that occurs under actual or simulated emergency conditions. In contrast to the scale and cost of exercises and games, TTXs can be a cost-effective tool when used in conjunction with more complex exercises. The TTXs effectiveness is derived from the energetic involvement of participants and their assessment of recommended revisions to current policies, procedures, and plans.

Methods for the TTX divide into two categories—basic and advanced. Advanced tabletops feature the use of pre-scripted messages. In a basic tabletop, the scene set by the scenario materials remains constant. The scene describes an event or emergency incident and brings discussion participants up to the simulated present time. Players apply their knowledge and skills to a list of problems presented by the leader/moderator. Problems are discussed as a group and resolution is generally agreed on and summarized by the leader. In an advanced TTX, play revolves around delivery of pre-scripted messages to players which alter the original scenario. The exercise controller (moderator) usually introduces problems one at a time in the form of a written message, simulated telephone call, videotape, or other electronic means. Participants discuss the issues raised by the problem, using appropriate plans and procedures. Attributes of a TTX may include:

- Practicing group problem solving
- Familiarizing senior officials
- Conducting a specific case study
- Examining personnel contingencies
- Testing group message interpretation
- Participating in information sharing
- Assessing interagency coordination
- Achieving limited or specific objectives

Functional Exercises: (Equivalent to FEMA Functional exercise): The Functional Exercise (FE) is designed to test and evaluate individual capabilities, multiple functions or activities within a function, or interdependent groups of functions. It is generally focused on exercising the plans, policies, procedures, and staffs of the direction and control nodes of Incident Command and Unified Command. Generally, events

are projected through an exercise scenario with event updates that drive activity at the management level. The movement of personnel and equipment is simulated.

The objective of the FE is to execute specific plans and procedures and apply established policies, plans, and procedures under crisis conditions, within or by a particular function team(s). The FE simulates the reality of operations in a functional area by presenting complex and realistic problems requiring rapid and effective responses by trained personnel in a highly stressful environment. Attributes of an FE include:

- Evaluating functions
- Evaluating EOCs, headquarters, and staff
- Reinforcing established policies and procedures
- Measuring the adequacy of resources
- Examining inter-jurisdictional relationships

Full-Scale Exercises: (Equivalent to FEMA Full Scale exercise): In a Full-Scale Exercise (FSE), response elements are required to mobilize and deploy to a designated site or locale in response to a simulated attack, generally for an extended period. Actual mobilization and movement of personnel and resources are required to demonstrate coordination and response capability. EOCs and field command posts are activated. The FSE is the largest, costliest, and most complex exercise type and may involve participation at the State, local, regional, and Federal levels. Although pre-scripted events may be used, the exercise is primarily driven by player actions and decisions. An oral evaluation or critique is conducted at the end of the exercise, and an After Action Report is written.

The FSE is used to evaluate the operational capabilities of systems, functional interfaces, and interaction during an extended period. It involves testing a major portion of Operations Plans and organizations under field conditions. Attributes of an FSE may include:

- Assessing organizational and individual performance
- Demonstrating interagency cooperation
- Allocating resource and personnel
- Assessing equipment capabilities
- Activating personnel and equipment locations
- Assessing inter-jurisdictional cooperation
- Exercising public information systems
- Testing communication systems and procedures
- Analyzing memoranda of understanding (MOUs), standard operating procedures (SOPs), plans, policies, and procedures

EXERCISE PLANNING TIMELINES

The following tables are examples of the activity flow that would occur in an exercise planning cycle for each exercise type. It should be recognized that the exact planning cycle may be affected by the size, scope, and complexity of a selected exercise, with more complex exercises possibly requiring a more detailed or longer planning schedule. Timing suggestions have not been provided for the other techniques described in Chapter 3 (i.e., Workshops, Games, and Seminars), because planning for these can take vastly different approaches; nor are distinct functional planning events (e.g., Transportation Planning Conference) that may be held in support of achieving specific exercise support functions described.

TABLETOP EXERCISE TIMING

Tabletop Exercise (TTX) Activity	Time Pre- and Post-Exercise Day (E- Day)
Establish Date of TTX	
Develop TTX Concept, Select Date of IPC	E-120 days
Prepare/Mail IPC Read-Ahead Packet	E-110 days
Prepare IPC Briefing	E-93 days
Conduct IPC	E-90 days
Prepare/Approve IPC Minutes	E-83 days
Prepare/Print Draft SITMAN	E-52 days
Review Materials for FPC	E-50 days
Conduct FPC	E-45 days
Prepare/Approve FPC Minutes	E-38 days
Finalize SITMAN	E-15 days
Finalize Multimedia Presentation	E-7 days
Set-Up Facility/Review Presentation	E-1 day
Conduct TTX	E-day
AAR Inputs Received from Participants	E+21 days
Draft AAR Forwarded for Participant Review	E+28 days
Participant AAR Review Comments Received	E+49 days
AAR Finalized	E+60 days
Final AAR Distributed	E+75 days

FUNCTIONAL EXERCISE TIMING

Functional Exercise (FE) Activity	Time Pre- and Post- Exercise Day (E-Day)
Establish Proposed Date of Functional Exercise	
Concept Development and Select Date of IPC	E-210 days
Prepare/Mail IPC Read-Ahead Packet	E-200 days
Prepare IPC Briefing	E-183 days
Conduct IPC	E-180 days
Distribute IPC Minutes or C&O Paper	E-166 days
Draft EXPLAN Distributed for Review	E-130 days
Review of Plan and Material for MPC	E-125 days
Conduct MPC	E-120 days
Prepare MPC Minutes	E-113 days
Final EXPLAN Prepared/Disseminated	E-75 days
Review Draft MSEL, Control and Evaluation Plan, Exercise Timeline and Support Requirement Status	E-70 days
Final Preparations for FPC	E-65 days
Conduct FPC	E-60 days
Distribute FPC Minutes	E-53 days
Finalize Review of MSEL, MSEL Implementers	E-30 days
Final Review of C/E Handbook	E-30 days
Disseminate C/E Handbook	E-25 days
Finalize Pre-Exercise Briefings	E-7 days
Conduct Pre-Exercise On-Site Activities	E-1 days
Conduct Functional Exercise	E-day
AAR Inputs Received from Participants	E+21 days
Draft AAR Forwarded for Participant Review	E+35 days
Draft AAR Forwarded to Community	E+42 days
Participant AAR Comments Received	E+65 days
AAR Finalized	E+90 days
Final AAR Distributed	E+106 days

FULL-SCALE EXERCISE TIMELINE

Full-Scale Exercise (FSE) Activity	Time Pre- and Post- Exercise Day (E-Day)
Concept Development and Select Proposed Date of FSE	
Coordinate Date of IPC	E-365 days
Prepare/Mail IPC Read-Ahead Packet	E-350 days
Prepare IPC Briefing	E-340 days
Conduct IPC	E-330 days
Distribute C&O Paper	E-320 days
Distribute Draft EXPLAN to Participants	E-240 days
Review of Plan and Material for MPC	E-200 days
Conduct MPC	E-180 days
Prepare/Approve MPC Minutes	E-160 days
Review Draft MSEL, Control and Evaluation Plan, Exercise Timeline and Support Requirement Status	E-120 days
Final EXPLAN Disseminated	E-90 days
Final Preparations for FPC	E-65 days
Conduct FPC	E-60 days
Prepare/Approve FPC Minutes	E-53 days
Finalize MSEL, MSEL Implementers	E-45 days
Final Review of Controller/Evaluator Handbook to Publications	E-30 days
Controller/Evaluator Handbook to Publications	E-25 days
Finalize Pre-Exercise Briefings	E-7 days
Conduct Pre-Exercise On-Site Activities	E-1 days
Conduct FSE	E-day
AAR Inputs Received from Participants	E+30 days
Draft AAR Forwarded for Participant Review	E+52 days
Participant AAR Comments Received	E+90 days
Final AAR Distributed	E+120 days

PROTOCOL FOR TECHNICAL ASSISTANCE NEEDED TO COMPLETE ASSESSMENTS

PROTOCOL

Contact the SAA who will work with the ODP Program Manager

- 1. Requests:** Three types of technical assistance requests will be accepted by the Technical Assistance Branch: State Strategy Technical Assistance Needs, Chemical Protective Clothing Team Assistance, and Ad Hoc requests for General Technical Assistance or Information Management Technical Assistance.

State Strategy Technical Assistance Needs: Each state strategy submission will be analyzed by the Technical Assistance Branch to determine if alignment exists between the projected technical assistance needs addressed in the narrative and the online needs assessment data entered by the local jurisdictions. If such alignment exists, TA staff will indicate, in the State Assistance Plan (SAP), ODP resources that can be made available to the State. This information will also be discussed with the ODP Program Manager prior to a state visit. If there is little or no alignment, the ODP Program Manager will work with the state to identify and clarify state and local technical assistance needs.

All requests for technical assistance must be made in writing and sent to ODP for approval, execution, and coordination with a TA provider. These requests must come from the state administrative agency (SAA) and be sent to the appropriate ODP Program Manager, who will, after determining if the request is consistent with the goals, projected technical assistance needs, and priorities addressed in the statewide strategy, forward the request to the TA Branch. Each request shall provide a brief description of:

- The nature and extent of the requestor's technical assistance need
- The goal and priority, if addressed in the strategy
- The type of technical assistance needed
- Plans for maintaining and sustaining effort
- Approximate number of persons to receive technical assistance
- The requestor's desired schedule for technical assistance. Specifically when the technical assistance is needed and any other special information

In an effort to expedite the request process, the TA Branch has developed a general "Technical Assistance Request" form. This form, while addressing all criteria necessary in making a request for assistance, does so in a greatly abbreviated format, and should be used by the ODP Program Manager during an SAA site visit. Upon completion of the form, it will be necessary for the ODP Program Manager to acquire the signature of an authorized SAA representative. This signature on the form authorizes a formal request for assistance from the state.

Chemical Protective Clothing Team Assistance (CPCTA) Requests: Requests for Chemical Protective Clothing Team Assistance (CPCTA), formerly referred to as the Chemical Protective Clothing Company Course (CPCC), may be submitted to ODP directly by a local jurisdiction. This technical assistance request does not have to reflect goals or priorities stated in the strategy. A "Chemical Protective Clothing Team Assistance (CPCTA) Request" form has been developed for this assistance and can be found online at <http://www.ojp.usdoj.gov/odp>.

Ad Hoc Requests: Technical assistance requests that fall outside either of the aforementioned requests will be considered “Ad Hoc Requests.” These requests will follow the same procedures as the strategy needs request. Local requests must be reviewed and approved at the state level prior to being submitted to the ODP Program Manager by the SAA. These requests will be accepted throughout the year, as needs arise.

2. Processing Requests: All technical assistance requests will go to the assigned ODP Program Manager for approval and appropriateness prior to being forwarded to the Technical Assistance Branch for login, tracking, and execution. Requests for training and/or exercise support will be sent to the Training Branch and Exercise Division, respectively. Requests will be logged into the TA database and assigned a tracking number. Each request, except Chemical Protective Clothing Team Assistance, must be analyzed for compatibility with the ODP strategic plan, mission, TA purpose areas, and consistency with the state's strategic plan.

3. Provider Identification: ODP will utilize several different TA providers with various expertise, resources, and capabilities, including Research Planning, Inc. (RPI), Texas Engineering Extension Service (TEEX), Science Applications International Corp (SAIC), and Community Research Associates (CRA). Each TA provider will have a contract or grant outlining general TA capability and specific areas of expertise that the contractor is capable of providing to the field. The TA provider will provide at least one senior member per TA visit to lead the TA delivery. The senior member will be responsible for understanding the TA request and articulating the material or guidance to the requestor.

Each request must be matched with an appropriate TA provider based upon the availability of the provider and the provider's specific areas of expertise. After determining that the request is consistent with Technical Assistance Branch policy, contact will be made between ODP and the TA provider to discuss work plans, time lines, deliverables, and state and local contacts. If necessary, a conference call between ODP, the requestor, and the TA provider will be scheduled to discuss the request in-depth, including time-lines, TA type and provider compatibility and to gather more information to process the request. Once the preliminary discussions have taken place, the provider will submit a technical assistance work plan, that includes a projected budget to ODP for review and approval. Once the request has been approved, notification will be sent to the SAA, the ODP Program Manager and the TA provider.

4. Executive Phase: Upon completion of the set-up phase with the requestor and the TA provider, ODP will prepare a TA schedule for the appropriate ODP Program Manager and finalize the TA work plan, including providing confirmation to the requestor on the approval of the technical assistance request. Close contact will be maintained with the appropriate branch, TA provider and requestor for all TA requests, including tracking budget costs and responding to problems. All deviations from the original budget and work plan must have ODP approval prior to incurring costs or changes. Any costs incurred without ODP Technical Assistance Branch approval can potentially be denied.

5. Completion Phase: Within seven days of the completion of the TA, a follow-up survey will be sent to the requestor by the Technical Assistance Branch to evaluate the TA process, including quality of assistance, timeliness, and the provider. All surveys will be submitted directly to ODP from the requestor and analyzed to identify any problems in the process, as well as to record the TA delivery for future inquiries.

6. Reporting Phase: Within 30 days of completion of the TA, the TA provider will complete an After Action Report (AAR), outlining the perceived problems of the requestor, the TA delivered, general and specific comments and feedback from the requestor agency, problems encountered and/or unanticipated circumstances, and recommendations for future action. A copy of this report will be provided to the appropriate branch. This report should include the following:

- Names and titles of personnel participating (contractor and requestor)
- Detailed overview of service provided
- Number of TA hours provided
- TA provider issues or concerns
- Recommendations to resolve problems and improve future TA events

The report will be sent to the ODP Technical Assistance Branch. At this time, a separate report addressing the financial status of the request will be prepared by the TA provider and submitted to ODP. This report should include final figures for the following:

- Travel
- Personnel
- Consultants
- Supplies
- Equipment
- Logistics/Space
- Total costs incurred

7. Deliverables: All TA requests involving deliverables, including documentation or evaluations, will be identified during the initial contact with the appropriate branch. The Technical Assistance Branch will determine the intended deliverable from the technical assistance request. Deliverables can be documentation of various projects, manuals, evaluations, lessons learned, etc. All deliverables will be sent to ODP for approval within twenty-one days of the TA visit, including deliverables for the requestor. Costs associated with the completion of deliverables will be included in the original project budget submitted to ODP by the TA provider. Once the deliverable(s) have been approved by ODP, they will be sent to the requestor by the TA provider.

8. Evaluation: TA requests will be evaluated based on the criteria set forth above and the availability of resources. In addition, an impact evaluation will be conducted on a few selected requests to determine the impact of the TA program on enhancing and improving state and local jurisdictions' capacity to prepare for and respond to threats or acts of terrorism involving weapons of mass destruction.

Resourcing Program	State Amount	Allocation				
		Plan	Organize	Equip	Train	Exercise
State Domestic Preparedness Equipment Support Program (DOJ) Total = \$148.3 Million www.usdoj.gov						
State and Local Domestic Preparedness Training Program (DOJ) Total = \$14.5 Million www.ojp.usdoj.gov						
State and Local Domestic Preparedness Technical Assistance (DOJ) Total = \$6 Million www.ojp.usdoj.gov						
State and Local Domestic Preparedness Exercise Support Program (DOJ) Total = \$0 www.ojp.usdoj.gov						
State and Local Anti-Terrorism Training (DOJ) Total = N/A www.usdoj.gov						
Domestic Anti-Terrorism Technology Development Program (DOT) Total = \$36.2 Million www.usdoj.gov/hij						
Hazardous Materials Emergency Preparedness Training and Planning Grants (DOT) Total = \$12.8 Million www.rspa.dot.gov						
Assistance to Firefighters Grant Program (FEMA) Total = \$360 Million www.usfa.fema.gov/grants						

Resourcing Program	State Amount	Allocation				
		Plan	Organize	Equip	Train	Exercise
SARA Title III Training Program (FEMA) Total = \$193,000 www.fema.gov						
Hazardous Materials Assistance Program (FEMA) Total = \$330,000 www.fema.gov						
National Urban Search and Rescue Response System (FEMA) Total = \$4.05 Million www.fema.gov						
Emergency Management Institute-Training Assistance (FEMA) Total = \$1.45 Million www.fema.gov						
Emergency Management Independent Study Program (FEMA) Total = N/A www.fema.gov						
Emergency Management Institute Resident Educational Program (FEMA) Total = \$5.4 Million www.fema.gov						
First Responder Counter Terrorism Training Assistance (FEMA) Total = \$4 Million www.fema.gov						
Chemical Stockpile Emergency Preparedness Program (FEMA) Total = \$46.2 Million www.fema.gov						
Emergency Management Performance Grants (FEMA) Total = \$134.5 Million www.fema.gov						

Resourcing Program	State Amount	Allocation				
		Plan	Organize	Equip	Train	Exercise
National Fire Academy Training Grants (FEMA) Total = \$1.25 Million www.fema.gov						
Public Health and Social Services Emergency Fund (DHHS) Total = \$0 www.hhs.gov						
EMS for Children (DHHS) Total = \$18.99 Million www.hrsa.gov						
Injury Prevention and Control Research and State and Community Based Programs (DHHS) Total = \$57 Million www.cdc.gov						
Superfund Worker Training Program (DHHS) Total = \$25 Million www.nih.gov						
Health Program for Toxic Substances and Disease Registry (DHHS) Total = \$7.4 Million www.atsdr.cdc.gov						
Immunization Research, Demonstration, Public Information and Education (DHHS) Total = \$10.1 Million www.cdc.gov						
Surveillance of Hazardous Substance Emergency Events (DHHS) Total = \$1.32 Million www.atsdr.cdc.gov						
Human Health Studies, Applied Research and Development (DHHS) Total = \$0 www.atsdr.cdc.gov						

APPENDIX

C

AGRICULTURAL POTENTIAL TARGETS

This worksheet should be completed in conjunction with Section 6: “Agricultural Vulnerability Assessment—Agricultural Targets” on page 88 of the Jurisdiction Handbook

The Vulnerability Working Group should now compile a list of the critical agricultural infrastructure facilities, sites, systems, or special events that are present or take place within the jurisdiction.

A sample of Potential Targets (see the Reference Handbook, Appendix B, "Potential Targets," on page 10) may be useful in compiling this list.

An agricultural facility, site, system, or venue within the jurisdiction that, in the wake of a WMD terrorism incident, would result in any or all of the following:

- Large number of deaths and injuries
- Extensive damage or destruction of facilities that provide or sustain human needs, i.e., power sources, food distribution sites, and essential public services
- Long-term catastrophic consequences to the general economic well being of the community.

AGRICULTURAL TARGET VULNERABILITY SUMMARY

Site/ Target	Potential Target Name	Individual Target Agricultural Vulnerability Rating
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

AGRICULTURAL VULNERABILITY ASSESSMENT

This worksheet should be completed in conjunction with Section 6: “Agricultural Vulnerability Assessment—Agricultural Targets” on page 88 of the Jurisdiction Handbook

- Step 1** This factor assesses the awareness of existence and visibility of the agricultural target to the general public. Select the rating value that most closely represents the agricultural facility, infrastructure, event, etc., regarding this factor.
- Step 2** This factor assesses the usefulness of the agricultural asset to the local population, economy, government, etc., and importance to the continuity of the jurisdiction. Select the rating value that most closely represents the agricultural facility, infrastructure, event, etc., regarding this factor.
- Step 3** This factor assesses the affect loss will have outside of the jurisdiction. Select the rating value that most closely represents the agricultural facility, infrastructure, event, etc., regarding this factor.
- Step 4** This factor assesses the availability of the agricultural target ingress and egress by a PTE. Select the rating value that most closely represents the agricultural facility, infrastructure, event, etc., regarding this factor.
- Step 5** This factor assesses the presence of legal WMD material (CBRNE) in quantities that could be the target of a terrorist attack or complicate the response to an incident at that facility. Select the rating value that most closely represents the agricultural facility, infrastructure, event, etc., regarding this factor.
- Step 6** This factor assesses the maximum number of animals or amount of crops (plants, products, or seed) at a site at any given time. Select the rating value that most closely represents the agricultural facility, infrastructure, event, etc., regarding this factor.
- Step 7** This factor assesses the dissemination of products from the facility. How far are products from this facility shipped? Select the rating value that most closely represents the agricultural facility, infrastructure, event, etc., regarding this factor.
- Step 8** Record all scores for this target and perform a summary total.
- Step 9** Apply the vulnerability summary total to the target vulnerability assessment rating key. Determine the range the summary total falls within and record the final vulnerability rating score for each target.
- Step 10** Document a vulnerability rating for each potential agricultural target assessed.

AGRICULTURAL VULNERABILITY ASSESSMENT WORKSHEET

Site/Target Name or Number:	Total Score Rating:														
Duplicate this form and use one for each potential target.															
	Value														
1. Level of Visibility: Assess the awareness of the existence and visibility of the target to the general public. 0=Invisible: Existence secret/Classified location 1=Very Low Visibility: Existence not publicized 2=Low Visibility: Existence public but not well known 3=Medium Visibility: Existence known locally 4=High Visibility: Existence known regionally 5=Very High Visibility: Existence known nationally															
2. Criticality of Target Site to Jurisdiction: Assess usefulness of assets to local population, economy, government, etc. Potential targets deemed essential to the continuity of the jurisdiction. 0 = No usefulness 2 = Moderate usefulness 4 = Highly useful 1 = Minor usefulness 3 = Significant usefulness 5 = Critical															
3. Impact Outside the Jurisdiction: Assess the affect loss will have outside of the jurisdiction. 0 = None 2 = Low 4 = High 1 = Very Low 3 = Medium 5 = Very High															
4. PTE Access to Target: Assess the availability of the target for ingress and egress by a PTE. 0 = Restricted: Security patrol 24/7, fenced, alarmed, CCTV, controlled access requiring prior clearance, designated parking, no unauthorized vehicle parking within 300 feet of facility, protected air/consumable entry. 1 = Controlled: Security patrol 24/7, fenced, alarmed, controlled access of vehicles and personnel, designated parking, no unauthorized vehicle parking within 300 feet of facility, protected air/consumable entry. 2 = Limited: Security guard at main entrance during business hours, fenced, alarmed, controlled access of visitors, designated parking, no unauthorized vehicles parking within 300 feet of facility, protected air/consumable entry. 3 = Moderate: Controlled access of visitors, alarmed after business hours, protected air/consumable entry, designated parking, no unauthorized vehicle parking within 50 feet. 4 = Open: Open access during business hours, locked during non-business hours, unprotected air/consumable entry. 5 = Unlimited: Open access, unprotected air/consumable entry															
5. Potential Target Threat of Hazard: Assess the presence of legal WMD material (CBRNE) in quantities that could be the target of a terrorist attack or would complicate the response to an incident at that facility. 0 = None: No WMD materials present 1 = Minimal: WMD materials present in moderate quantities, under positive control, and in secured locations. 2 = Low: WMD materials present in moderate quantities and controlled. 3 = Moderate: Major concentrations of WMD materials that have established control features and are secured in the site. 4 = High: Major concentrations of WMD materials that have moderate control features. 5 = Very High: Major concentrations of WMD materials that are accessible to non-staff personnel.															
6. Capacity of Facility: Assess the maximum number of animals or amount of crops (plant products or seed) at a site at any given time. <table border="0"> <tr> <td>Value / # of Animals</td> <td>Value / Bushels of Crops</td> </tr> <tr> <td>0 = 1 - 250</td> <td>0 = 1 - 2,500</td> </tr> <tr> <td>1 = 251 - 500</td> <td>1 = 2,501 - 5,000</td> </tr> <tr> <td>2 = 501 - 1,000</td> <td>2 = 5,001 - 10,000</td> </tr> <tr> <td>3 = 1,001 - 5,000</td> <td>3 = 10,001 - 50,000</td> </tr> <tr> <td>4 = 5,001 - 10,000</td> <td>4 = 50,001 - 250,000</td> </tr> <tr> <td>5 = >10,000</td> <td>5 = >250,000</td> </tr> </table>		Value / # of Animals	Value / Bushels of Crops	0 = 1 - 250	0 = 1 - 2,500	1 = 251 - 500	1 = 2,501 - 5,000	2 = 501 - 1,000	2 = 5,001 - 10,000	3 = 1,001 - 5,000	3 = 10,001 - 50,000	4 = 5,001 - 10,000	4 = 50,001 - 250,000	5 = >10,000	5 = >250,000
Value / # of Animals	Value / Bushels of Crops														
0 = 1 - 250	0 = 1 - 2,500														
1 = 251 - 500	1 = 2,501 - 5,000														
2 = 501 - 1,000	2 = 5,001 - 10,000														
3 = 1,001 - 5,000	3 = 10,001 - 50,000														
4 = 5,001 - 10,000	4 = 50,001 - 250,000														
5 = >10,000	5 = >250,000														
7. Product Distribution Area: Assess the extent of dissemination of products from this facility. How far are products from this facility shipped? 0 = Locally 2 = Statewide 4 = Nationally 1 = Countywide 3 = Regionally 5 = Internationally															
RAW SCORE (add lines 1-7)															
Basic Target Vulnerability Assessment Rating: Convert total score to a rating number from 1-12 using the following key. Transfer final rating to top right hand box in this form. <table border="0"> <tr> <td>0 - 2 pts. = 1</td> <td>9-11 pts. = 4</td> <td>18-20 pts. = 7</td> <td>27-29 pts. = 10</td> </tr> <tr> <td>3 - 5 pts. = 2</td> <td>12-14 pts. = 5</td> <td>21-23 pts. = 8</td> <td>30-32 pts. = 11</td> </tr> <tr> <td>6 - 8 pts. = 3</td> <td>15-17 pts. = 6</td> <td>24-26 pts. = 9</td> <td>33-35 pts. = 12</td> </tr> </table>		0 - 2 pts. = 1	9-11 pts. = 4	18-20 pts. = 7	27-29 pts. = 10	3 - 5 pts. = 2	12-14 pts. = 5	21-23 pts. = 8	30-32 pts. = 11	6 - 8 pts. = 3	15-17 pts. = 6	24-26 pts. = 9	33-35 pts. = 12		
0 - 2 pts. = 1	9-11 pts. = 4	18-20 pts. = 7	27-29 pts. = 10												
3 - 5 pts. = 2	12-14 pts. = 5	21-23 pts. = 8	30-32 pts. = 11												
6 - 8 pts. = 3	15-17 pts. = 6	24-26 pts. = 9	33-35 pts. = 12												

AGRICULTURAL FINAL RATING

This worksheet should be completed in conjunction with Section 6: “Agricultural Vulnerability Assessment—Final Rating” on page 92 of the Jurisdiction Handbook

Once the jurisdiction has assessed all desired potential agricultural targets deemed critical and performed an agricultural vulnerability assessment on each, the highest agricultural vulnerability rating listed among the potential targets will serve as the final jurisdiction vulnerability rating.

The jurisdiction should record both the raw numerical score as well as the agricultural vulnerability rating for the jurisdiction.

Jurisdiction Agricultural Vulnerability Rating			
Agricultural Vulnerability Summary Score (Highest target score)		Agricultural Vulnerability Rating	

SITE-SPECIFIC AGRICULTURAL VULNERABILITY ASSESSMENT SURVEY

This worksheet should be completed in conjunction with Section 6: “Site-specific Agricultural Vulnerability Assessment Survey” on page 93 of the Jurisdiction Handbook

ODP is identifying critical elements of the site-specific, in-depth vulnerability assessments. Throughout the process in FY 2003, ODP will provide information about what tools exist commercially, a common vocabulary including standard meanings for terms such as “risks,” “vulnerability,” “threat,” etc., and information about the performance of emerging technologies being used to reduce vulnerabilities. For ODP to estimate the extent to which this information and services will be requested, please answer the following questions.

Site-Specific Agricultural Vulnerability Survey	
How many site-specific, in-depth vulnerability assessments will your jurisdiction conduct on the 10 most vulnerable high threat targets that were identified in your jurisdiction?	
Would you like information and/or assistance from ODP on the following:	
Identification of vulnerability assessment tools (software, checklists, etc.)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Names/numbers of persons to contact who have undergone site-specific agricultural vulnerability assessments?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Help with actual execution of site-specific agricultural vulnerability assessments?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Training opportunities for people in your jurisdiction regarding how to conduct site-specific agricultural vulnerability assessments and how to conduct courses on training others?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:	

AGRICULTURAL PLANNING FACTORS WORKSHEET—ANIMALS

This worksheet should be completed in conjunction with Section 6: “Agricultural Planning Factor Worksheets—Animals” on page 95 of the Jurisdiction Handbook.

- Step 1** Determine the top ten potential agricultural target sites developed during the agricultural vulnerability assessments for animals. Record these potential agricultural targets using the Agricultural Planning Factor Worksheets.
- Step 2** Determine if the listed potential agricultural target is a likely location for a biological incident. If so, note this by placing a check mark in the “Potential” column for each likely agricultural target.
- Step 3** Project the number of animals possibly affected by the biological incident and list under each planning factor (Dead Animals, Symptomatic, Exposed No Symptoms, and Possibly Exposed), for each agricultural site listed as potential.
- Step 4** Determine the “Maximum Score” for each agricultural planning factor. Look for the highest estimated number for each planning factor and carry it to the bottom of the worksheet. The highest agricultural planning factor numbers may be found in different targets.
- Step 5** Insert the highest estimated numbers for each planning factor into the maximum values worksheet.

AGRICULTURAL PLANNING FACTORS WORKSHEETS

Planning Factors					
Biological		Agricultural Impact			
Site/Target	Potential (✓)	Dead Animals	Symptomatic	Exposed No Symptoms	Possibly Exposed
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
Max Value Total					

	Maximum Evacuation	
	Max Contaminated	Max Possibly Contaminated
Biological		

AGRICULTURAL PLANNING FACTOR WORKSHEETS – PLANTS

This worksheet should be completed in conjunction with Section 6: “Agricultural Planning Factor Worksheets—Plants” on page 97 of the Jurisdiction Handbook

- Step 1** Determine the top ten potential agricultural target sites for plants developed during the agricultural vulnerability assessments. Record these potential agricultural targets using the Agricultural Planning Factor Worksheets for biological incidents.
- Step 2** Determine if the listed potential agricultural target is a likely location for the CBRNE material listed in the top left hand corner of each worksheet. If so, note this by placing a check mark in the “Potential” column for each likely agricultural target.
- Step 3** Project the number of plants (bushels) possibly affected by the biological incident and list under each planning factor (Contaminated, Possibly Contaminated), for each agricultural site listed as potential.
- Step 4** Determine the “Maximum Score” for each agricultural planning factor. Look for the highest estimated number for each planning factor and carry it to the bottom of the worksheet. The highest agricultural planning factor numbers may be found in different targets.
- Step 5** Insert the highest estimated numbers for each agricultural planning factor into the maximum values worksheet.

Planning Factors			
Biological		Agricultural Impact	
Site/Target	Potential (✓)	Contaminated	Possibly Contaminated
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
Max Value Total			

	Maximum Evacuation	
	Max Contaminated	Max Possibly Contaminated
Biological		

DETERMINE AGRICULTURAL WMD RESPONSE LEVELS FOR RESPONDER PERSONNEL

This worksheet should be completed in conjunction with Section 7: “Determine Agricultural Response Levels for Responders” on page 100 of the Jurisdiction Handbook.

Step 1 For the jurisdiction’s response level, enter the total number of personnel who would be involved in response in the designated space provided. This number will represent the entire strength of the response, not just those designated as specialized responders. Record this number in the space designated as “Total Number of Responders.”

Step 2 For the jurisdiction, utilizing planning factors and the descriptions of each WMD response level, determine the number of personnel desired at each response level. Enter the number of responders needed to sustain this response level in the space provided for “Total Number of Personnel Jurisdiction Desires at Response Level.”



Note

The jurisdiction may require more than one response level.

Step 3 For the jurisdiction, utilizing the number of responders desired at a certain WMD response level, enter the total number of those responders who are currently equipped and trained to operate at that level.

WMD Response Levels Agriculture		Total # of Responders	Total # of Personnel Desired at Response Level	Total # Currently Equipped & Trained at Desired Level
0	<ul style="list-style-type: none"> No planning, organization, equipment, training, or exercises to react to an agricultural WMD terrorism incident. 			
1	<ul style="list-style-type: none"> Able to respond and provide support for lead state agencies/departments during an emergency involving an agricultural WMD terrorism incident. Able to recognize the presence of a potential agricultural terrorism incident. Able to take self-protection measures, secure the area, and call for assistance from lead agency/department response. 			
2	<ul style="list-style-type: none"> Met requirements for Response Level 1 Able to respond to an agricultural WMD terrorism incident as part of the initial response or in support of this response for the purpose of protecting nearby persons, animals, crops/plants, the environment, or property from the effects of the incident. Able to respond in a defensive manner to the agricultural WMD terrorism incident and help to keep it from spreading. Possess general knowledge of agricultural WMD agents. Able to utilize appropriate personal protective equipment and basic methods of detection. Able to provide basic life support functions and provide emergency decontamination. Know the Incident Command System and be able to use Unified Command for the integration and implementation of an appropriate response. Know how each required support function integrates and supports the incident. Be familiar with the overall operation of Single and Unified Command and be able to assist in implementation of Unified Command if needed. 			
3	<p>Note: This level can be attained only if the jurisdiction has certified agricultural response teams.</p> <ul style="list-style-type: none"> Met requirements for Response Levels 1 and 2. Able to respond to an agricultural WMD terrorism incident or potential incident as part of the initial response or support to this response for the purpose of rendering or eliminating the sources of the incident effects. Trained and equipped to operate in the hot zone of the incident to detect and neutralize the WMD agents. Know and implement the Incident Command System using Unified Command procedures. 			
4	<ul style="list-style-type: none"> Met requirements for Response Levels 1, 2, and 3. Meets or exceeds all emergency response planning, operational, equipment, training, and exercise requirements for their jurisdiction to respond to an agricultural WMD terrorism incident. Know and follow protocols for medical monitoring of all response personnel and potential affected personnel involved with or working at the location of an agricultural WMD terrorism incident. Possess the capability to operate unhindered, without planning, organizational, equipment, training, or exercise shortfalls in any environment affected by an agricultural WMD terrorism incident. Possess an organized, equipped, trained, and exercised incident command capability. 			

AGRICULTURAL WMD TASKS FOR RESPONSE

This worksheet should be completed in conjunction with Section 7: “Agricultural WMD Task for Response” on page 102 of the Jurisdiction Handbook.

Step 1 For the jurisdiction, utilizing planning factors and potential incidents, determine needed agricultural tasks needed to respond to an agricultural WMD terrorism incident from the sample agricultural tasks provided. If the sample tasks do not include specific agricultural tasks required by the jurisdiction, add additional tasks by using the blank spaces at the end of the task list.



Note

The agricultural tasks listed are general responsibilities that may be carried out by the jurisdiction or state for plants and/or animal agricultural incidents. If the task responsibility lies at the state level the jurisdiction should indicate this by entering an “N/A” in the space provided.

Step 2 Choose those agricultural tasks that can and cannot currently be accomplished by the jurisdiction. If the task is not applicable this should be recorded as well. Current capability of each agricultural task is determined through questions posed to the jurisdiction.

- For the agricultural task listed, are there appropriate plans and procedures in place to accomplish the task?
- If a specialized agricultural response team will accomplish the task, are there organizational components in place?
- Is the jurisdiction equipped to perform the required agricultural task?
- Has the discipline trained to perform these tasks?
- Has the task related the response plan been exercised using a biological incident as the planning scenario?



Note

N/A entries may indicate one or more of the following:

- The listed agricultural task does not apply to a biological incident.
- The category (plan/procedures, organization, equipment, training, exercises) does not apply to a biological incident.
- The listed agricultural task does not apply to the category.

Step 3 Utilize the jurisdiction’s agricultural planning factors for a biological incident to determine needs.

Step 4 Determine capabilities for this agricultural task.

Tasks for Response						
Task Examples for Agriculture Responder Capabilities		Annotate those Capabilities you have <u>Currently</u>				
		Plans/ Procedures	Organization	Equipped	Trained	Exercised
		Biological				
Develop a plan for the jurisdiction's (local or state) effort to respond to and/or support the response to an agricultural WMD terrorism incident	Yes					
	No					
	Partial					
	N/A					
Develop, organize, and staff required agricultural response teams	Yes					
	No					
	Partial					
	N/A					
Equip agricultural response teams in accordance with the agricultural WMD terrorism response plan	Yes					
	No					
	Partial					
	N/A					
Conduct training for agricultural WMD terrorism incident identification, response, mitigation, and recovery	Yes					
	No					
	Partial					
	N/A					
Exercise the agricultural WMD terrorism incident response plan	Yes					
	No					
	Partial					
	N/A					
Conduct surveillance for agricultural WMD agents	Yes					
	No					
	Partial					
	N/A					
Conduct preliminary diagnosis for agricultural WMD agents	Yes					
	No					
	Partial					
	N/A					
Ability to use laboratory facilities for agricultural WMD agents and affected samples from animals and crops/plants	Yes					
	No					
	Partial					
	N/A					

Tasks for Response						
Task Examples for Agriculture Responder Capabilities		Annotate those Capabilities you have <u>Currently</u>				
		Plans/ Procedures	Organization	Equipped	Trained	Exercised
		Biological				
Develop a capability to conduct depopulation activities	Yes					
	No					
	Partial					
	N/A					
Know how the indemnification process is conducted at the local and/or state level.	Yes					
	No					
	Partial					
	N/A					
Conduct contaminated animal and crop/plant disposal operations	Yes					
	No					
	Partial					
	N/A					
Conduct location security operations	Yes					
	No					
	Partial					
Conduct decontamination operations	N/A					
	Yes					
	No					
	Partial					
Conduct appropriate detection of potential agricultural WMD agent operations	N/A					
	Yes					
	No					
Conduct field operations using the appropriate level of personnel protection equipment	Partial					
	N/A					
	Yes					
	No					
Operate the incident command system under unified command in accordance with the state agricultural response plan	Partial					
	N/A					
	Yes					
	No					

Tasks for Response						
Task Examples for <u>Agriculture</u> Responder Capabilities		Annotate those Capabilities you have <u>Currently</u>				
		Plans/ Procedures	Organization	Equipped	Trained	Exercised
		Biological				
Communicate with all local, state, regional, and federal agricultural response agencies involved in the response to an agricultural WMD terrorism incident	Yes					
	No					
	Partial					
	N/A					
Develop a strategy to meet jurisdictional agricultural response shortfalls for the areas of planning, organizations, equipment, training, and exercises (In accordance with requisite/guidance from the state and the USDA)	Yes					
	No					
	Partial					
	N/A					
	Yes					
	No					
	Partial					
	N/A					
	Yes					
	No					
	Partial					
	N/A					
	Yes					
	No					
	Partial					
	N/A					
	Yes					
	No					
	Partial					
	N/A					
	Yes					
	No					
	Partial					
	N/A					

AGRICULTURAL NEEDS ASSESSMENT – PLANNING

This worksheet should be completed in conjunction with Section 8: “Agricultural Needs Assessment—Planning” on page 107 of the Jurisdiction Handbook

EMERGENCY OPERATION PLAN/AGRICULTURAL INCIDENT ANNEX

The jurisdiction should indicate the following using the attached work sheets:

- Does the jurisdiction have a current emergency operation plan?
- If so, when was the plan last updated?
- Does the jurisdiction have a current agricultural incident annex?
- If so, when was the annex last updated?
- Does the current emergency operation plan address specified issues?

EMERGENCY RESPONSE CAPABILITY

- Step 1** For each discipline listed, determine current jurisdiction capability for agricultural incidents.
- Step 2** For each discipline, the jurisdiction should indicate current capability and determine the number of full time and volunteer emergency responders currently available to respond to agricultural incidents.
- Step 3** For each discipline the jurisdiction shows current capability; indicate whether mutual aid is provided or received through a written agreement for agricultural incidents.

EMERGENCY OPERATION PLAN/AGRICULTURAL INCIDENT ANNEX

Current Emergency Operation Plan	<input type="checkbox"/> Yes <input type="checkbox"/> No
Your plan has been updated in the last	
Current Agricultural Incident Annex	<input type="checkbox"/> Yes <input type="checkbox"/> No
Your annex has been updated in the last	

Does your EOP address the following agricultural incident issues:	
Continuity of Operations/Continuity of Government	<input type="checkbox"/> Yes <input type="checkbox"/> No
Mass Decontamination	<input type="checkbox"/> Yes <input type="checkbox"/> No
Isolation/Quarantine	<input type="checkbox"/> Yes <input type="checkbox"/> No
Recovery and Restoration	<input type="checkbox"/> Yes <input type="checkbox"/> No
Volunteers/Donated Resources	<input type="checkbox"/> Yes <input type="checkbox"/> No
Resource Management	<input type="checkbox"/> Yes <input type="checkbox"/> No
Mass Casualties	<input type="checkbox"/> Yes <input type="checkbox"/> No
Evacuation	<input type="checkbox"/> Yes <input type="checkbox"/> No

EMERGENCY RESPONSE CAPABILITY

Type	Jurisdiction Capability	# Full Time Personnel	# Volunteer Personnel	Receives Mutual aid	Provides Mutual Aid
Law Enforcement (LE)	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Medical Services (EMS)	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Emergency Management (EMA)	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Fire Service (FS)	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Public Works (PW)	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Governmental Administrative (GA)	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Public Safety Communications (PSC)	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Health Care (HC)	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Public Health (PH)	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

AGRICULTURAL TECHNICAL ASSISTANCE – PLANNING

This worksheet should be completed in conjunction with Section 8: “Technical Assistance Input – Planning” on page 109 of the Jurisdiction Handbook

- Step 1** Select the TA that would benefit your jurisdiction or describe the specific assistance desired in the “Other Technical Assistance Description” text box provided. If the “Other Technical Assistance Description” text box is used, it will be important that the jurisdiction fully describe the assistance desired.
- Step 2** Determine what disciplines will require the selected TA.
- Step 3** Project the frequency of TA deliveries desired by the jurisdiction. Use the drop down menu to select one of the following: (once/six months, annually, once/two-years, once/three-years, once/four-years, once/five-years).

Type of Agricultural Technical Assistance		
<input type="checkbox"/>	Develop/Update Emergency Operations Plan	
<input type="checkbox"/>	Develop/Update Response Protocols	
<input type="checkbox"/>	Develop/Update Agricultural Terrorism Incident Annex	
<input type="checkbox"/>	Facilitation of Agricultural Working Group	
<input type="checkbox"/>	Other Technical Assistance Description	
Participating Disciplines		<input type="checkbox"/> Law Enforcement (LE)
		<input type="checkbox"/> Emergency Medical Services (EMS)
		<input type="checkbox"/> Emergency Management (EMA)
		<input type="checkbox"/> Fire Service (FS)
		<input type="checkbox"/> HazMat (HZ)
		<input type="checkbox"/> Public Works (PW)
		<input type="checkbox"/> Governmental Administrative (GA)
		<input type="checkbox"/> Public Safety Communications (PSC)
		<input type="checkbox"/> Healthcare (HC)
		<input type="checkbox"/> Public Health (PH)
Frequency of Delivery		

AGRICULTURAL NEEDS ASSESSMENT – ORGANIZATION

This worksheet should be completed in conjunction with Section 8: “Agricultural Needs Assessment—Organization” on page 111 of the Jurisdiction Handbook

- Step 1** Designate the jurisdiction capability for each team. If the jurisdiction currently has a specific team capability, the jurisdiction working group should answer “Yes” under “Jurisdiction Capability.”
- Step 2** Indicate if your jurisdiction receives assistance through written mutual aid agreements from other jurisdictions for this team function.
- Step 3** If you answered yes to jurisdiction capability, do you provide support to other jurisdictions through written mutual agreements?
- Step 4** If you indicated you had jurisdiction capability, enter the number of emergency response teams and personnel per team in the text boxes provided.

Type of Team	Jurisdiction Capability	Receives Mutual Aid	Provides Mutual Aid	Number of Teams	Number of Personnel per Team
HazMat	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Decontamination Teams	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Metropolitan Medical Response System	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Public Health Team	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Agriculture Emergency Response Team	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Agricultural Assessment and Sampling Team	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		

AGRICULTURAL TECHNICAL ASSISTANCE – ORGANIZATION

This worksheet should be completed in conjunction with Section 8: “Technical Assistance Input – Organization” on page 113 of the Jurisdiction Handbook

- Step 1** Select the TA that would benefit your jurisdiction or describe the specific assistance desired in the “Other Technical Assistance Description” text box provided. If the “Other Technical Assistance Description” text box is used, it will be important that the jurisdiction fully describe the assistance desired.
- Step 2** Determine what disciplines will require the selected TA.
- Step 3** Project the frequency of TA deliveries desired by the jurisdiction. Use the drop down menu to select one of the following: (once/six months, annually, once/two-years, once/three-years, once/four-years, once/five-years).

Type of Agricultural Technical Assistance		
<input type="checkbox"/>	Identify Additional Agricultural Response Team Requirements	
<input type="checkbox"/>	Identify Agricultural Response Team Equipment	
<input type="checkbox"/>	Identify Additional Response Team Staffing Needs	
<input type="checkbox"/>	Develop Regional Agricultural Response Team Protocols	
<input type="checkbox"/>	Other Technical Assistance Description	
Participating Disciplines		<input type="checkbox"/> Law Enforcement (LE)
		<input type="checkbox"/> Emergency Medical Services (EMS)
		<input type="checkbox"/> Emergency Management (EMA)
		<input type="checkbox"/> Fire Service (FS)
		<input type="checkbox"/> HazMat (HZ)
		<input type="checkbox"/> Public Works (PW)
		<input type="checkbox"/> Governmental Administrative (GA)
		<input type="checkbox"/> Public Safety Communications (PSC)
		<input type="checkbox"/> Healthcare (HC)
		<input type="checkbox"/> Public Health (PH)
Frequency of Delivery		

AGRICULTURAL NEEDS ASSESSMENT - EQUIPMENT

This worksheet should be completed in conjunction with Section 8: “Agricultural Needs Assessment—Equipment” on page 115 of the Jurisdiction Handbook

Step 1 Select the category of equipment needed by the jurisdiction for an agricultural incident.

Step 2 Select the equipment type needed by the jurisdiction to respond to an agricultural incident. Items included in the ODP Authorized Equipment List (AEL) and that may be purchased with ODP equipment grant funding are denoted by an asterisk.



Note

If the equipment you intended to select has not been included in the AEL, it can still be selected as needed equipment by the jurisdiction.

If the equipment type needed by the jurisdiction is not listed, the jurisdiction may add specific equipment needs in the blank spaces at the end of each section.

Step 3 Once the SEL or AEL equipment type is selected, the jurisdiction should then estimate the unit cost for the selected equipment type.

Step 4 Select the discipline(s) that require equipment.

Step 5 Using the equipment type selected, designate the amount of equipment each discipline should have on-hand.

Step 6 Using the equipment type selected, designate the amount of equipment currently on-hand or on order. Place this number in the column titled “Current On-Hand.”

Agricultural Needs Assessment - Equipment

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
PPE Equipment for use as appropriate with all protection levels										
* Air-Line System with 15 minute escape SCBA										
* Approved Chemical Resistant Tape										
* Chemical/Biological Protective Undergarment (fire resistant optional)										
* Closed-Circuit Rebreather (minimum 2-hour supply preferred)										
* Hardhat/Helmet										
* HAZMAT gear bag/box										
* Open-Circuit SCBA										
* Personal Cooling System: Vest or Full Suit with support equipment needed for maintaining body core temperature within acceptable limits.										
Vest										
Full Suit										
* SCBA Service Repair Kits										

NEEDS ASSESSMENT – EQUIPMENT

Equipment Type		LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Personal Protective Equipment (PPE): Equipment that is worn to protect the individual from hazardous materials and contamination. Protection may vary and is divided into four levels based on the degree of protection afforded.		Current O/H									Current O/H
		Should be O/H									Should be O/H
	*	Spare Cylinder for SCBA									
	*	Spare Cylinders/ Bottles for rebreathers									
	*	Inner Gloves									
	Level A										
	*	Chemical Resistant Boots, Steel or Fiberglass Toe and Shank (Level A)									
	*	Chemical Resistant Gloves, including thermal as appropriate to hazard (Level A)									
	*	Chemical Resistant Outer Booties (Level A)									
	*	Level A Fully Encapsulated Liquid and vapor Ensemble, reusable or disposable (tested and certified against CB threats)									
*	Level A Fully Encapsulated Training Suits										
*	Testing Equipment for fully encapsulated suits										
Level B											

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
Personal Protective Equipment (PPE): Equipment that is worn to protect the individual from hazardous materials and contamination. Protection may vary and is divided into four levels based on the degree of protection afforded.		*	Liquid Chemical Splash Resistant Clothing (permeable or non-permeable) (Level C)																		
		*	Liquid Chemical Splash Resistant Hood (permeable or non-permeable) (Level C)																		
		*	Equipment or System Batteries including rechargeable (e.g. NiCad) or non-rechargeable with extended shelf life (e.g. Lithium)																		
		*	Tight-fitting, Full Face piece, Negative Pressure Air Purifying Respirator with the appropriate cartridge(s) or canister(s) and P100 filter(s) for protection against toxic industrial chemicals, particulates, and military specific agents.																		
Level D																					
*	Escape mask for self-rescue																				

Agricultural Needs Assessment - Equipment

Equipment Type <u>Operational Equipment</u>		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
References																					
	Personal Protective Equipment Selection Guide																				
	CHRIS Manual																				
*	2000 North American Emergency Response Guidebook, U.S. Department of Transportation																				
	Emergency Medical Response to Hazardous Materials																				
	Terrorism Handbook for Operational Responders, Delmar Publishing																				
	Hazardous Materials Field Guide, Delmar Publishing																				
	Hazardous Materials Chemistry, Delmar Publishing																				
	Jane's Facility Security Handbook																				
	Guide for Industrial Chemicals, National Institute of Safety and Health																				
	Merck Index																				
	Emergency Handling of Hazardous Materials in Surface Transportation, Association of American Railroads																				

Agricultural Needs Assessment - Equipment

Equipment Type <u>Operational Equipment</u>	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Clinical Toxicology of Commercial Products										
Joint Information Center (JIC) Manual										
Household Chemicals and Emergency First Aid										
Gardner's Chemical Synonyms and Trade Names										
Gloves Plus										
Medical Management of Biological Casualties Handbook										
Medical Management of Chemical Casualties Handbook										
Medical Management of Radiological Casualties Handbook										
* Jane's Chemical/Biological Handbook										
Tempest CB-FRG (Chem-Bio) First Responder Guidebook										
Tempest Chem-Bio Frequently Asked Questions (CB-FAQ)										
Tomes Plus										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Operational Equipment	Current O/H									
	Should be O/H									
Transport of Radiological Materials: Q&A About Incident										
International Edition, Symbol Seeker, Hazardous Identification										
Management of Chemical Warfare Casualties, Sidell										
* NFPA Guide to Hazardous Materials										
* NIOSH Hazardous Materials Pocket Guide										
* First Responder Job Aids										
Equipment										
Green Line/Red Line Battery activated marking system or appropriate substitute										
Boundary Marking Tape: YELLOW-Caution, RED-Danger, Incident specific (i.e. radiological, biological, chemical)										
Equipment or System Batteries will include those that are rechargeable with extended shelf life or non-rechargeable with extended shelf life										
Restricted Access and Caution Warning Signs										
Trauma-type First Aid Kit										

Agricultural Needs Assessment - Equipment

Equipment Type <u>Operational Equipment</u>	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
	Current O/H									
	Should be O/H									
Emergency Eye Wash										
Timer or Stopwatch										
Safety Harness with 150' dry line retrieval ropes 12.7 mm										
Locking Carabineers										
ABC Fire Extinguisher										
Class D Fire Extinguisher										
Hand Lights, explosive-proof										
Air Compressors suitable for refilling self- contained breathing apparatus (SCBA or operator air-supplied respirators										
Generator										
Electric Cord Reels										
Copper Grounding Rods, 3/4" x 6' (minimum length) with slide										
Grounding Cables, point-type clamps on both ends, 18" steel (uninsulated) 50' minimum										

Agricultural Needs Assessment - Equipment

Equipment Type <u>Operational Equipment</u>	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
		Current O/H								Current O/H
		Should be O/H								Should be O/H
Mobile WMD Command Center										
General Purpose Freezer/Refrigerator										
Helmet Mounted Lighting System										
Portable Area Illumination										
Water Trailers/Source (potable and nonpotable)										
Heat Stress Monitor (ambient and personal)										
Hazardous Material Shipping Containers										
Vehicle and Equipment Maintenance Packages										
Housing, Subsistence and Sanitation (Field Support) for Forces										
Overpacks										
Miscellaneous Non-sparking Tool Kit, to include bung and spanner wrenches										
Chemical Leak Control Kits										
Portable Air Cylinder Carts										

Equipment Type <u>Operational Equipment</u>	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
										Current O/H
										Should be O/H
Equipment Bags										
Modular Back Packs										
Duty Gear and Modular Load Bearing Systems/Operational										
Handheld Illumination										
Medical Casualty Bags, CDC Standard										
Optics: Thermal Imaging and/or Light Amplification										
Individual Sleeping Systems: Bags and Bivys										
Storage Containers										
Evidence Bags										
Lock Out /Tag Out Systems										
Binoculars										
Capture and Containment System										
Tactical Body Armor										
Operation Area Personnel Tracking and Accountability System										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH										
											Current O/H	Should be O/H								
<u>Operational Equipment</u>	Access Control and Badge System																			

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
Explosive Device Mitigation and Remediation: This list is not all-inclusive, but is intended to be a reference for Public Safety Bomb Squads to select the appropriate equipment for response to a WMD incident. Quantities and specific type items must be determined by the local agency.										
	Additional cylinders for RPS									
	Adhesive Tape									
	Air Purifying Respirators (APR) with Chem/bio filters									
	* Ballistic Threat Body Armor (not for riot suppression)									
	* Ballistic Threat Helmet (not for riot suppression)									
	Battery Operated Tools									
	Battery Tester									
	* Blast and Ballistic Threat Eye Protection (not for riot suppression)									
	* Blast and Overpressure Threat Ear Protection (not for riot suppression)									
	* Bomb Search Protective Ensemble for Chemical/Biological Response									
	* Chemical/Biological Protective Undergarment for Bomb Search Protective Ensemble									
	* Cooling Garments to manage heat stress									

Agricultural Needs Assessment - Equipment

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
Explosive Device Mitigation and Remediation: This list is not all-inclusive, but is intended to be a reference for Public Safety Bomb Squads to select the appropriate equipment for response to a WMD incident. Quantities and specific type items must be determined by the local agency.	*	De-armor/Disrupter																			
		Drill Bits																			
		Electric Hand Tools																			
		Electric Stethoscope, Stethoscope																			
		End Cap Remover																			
		Explosive Tools (including but not limited to boothanger, shape charges, MWB disrupters, etc.)																			
		Explosive-Proof Flashlight																			
		Extra Cassettes for X-Ray																			
		Extra X-Ray Intensifying Plates																			
	*	Fiber Optic Kit (inspection or viewing)																			
	*	Fire Resistant Gloves																			
		First Aid Kit																			

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Explosive Device Mitigation and Remediation: This list is not all-inclusive, but is intended to be a reference for Public Safety Bomb Squads to select the appropriate equipment for response to a WMD incident. Quantities and specific type items must be determined by the local agency.	Current O/H									
	Should be O/H									
Grappling and Treble Hooks										
Hand Tools										
Handsaws										
* Inspection Mirrors										
* Ion Track Explosive Detector										
Metal Detector										
Mirrors										
Multi-Tester										
Night Vision Glasses/Goggles										
Non-conductive Probes										
Non-Sparking Tool Kit										
Pipe Bomb Disabling Tool										

Agricultural Needs Assessment - Equipment

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
	Explosive Device Mitigation and Remediation: This list is not all-inclusive, but is intended to be a reference for Public Safety Bomb Squads to select the appropriate equipment for response to a WMD incident. Quantities and specific type items must be determined by the local agency.																				
	Pneumatic Tools																				
	Portable Explosive Magazines																				
	Portable Generator																				
*	Portable X-Ray Unit																				
	Post Blast Investigation Equipment																				
*	Real Time X-Ray Unit																				
	Remote Opening Tools																				
	Respiratory Protective Equipment with individual face piece																				
	Rigging and Rope Equipment																				
*	Robot																				
*	Robot Upgrades																				
	Scalpels and Knives with Additional Blades																				

Agricultural Needs Assessment - Equipment

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
CBRNE Search & Rescue Equipment:	*	Breaking devices (including spreaders, saws, and hammers)																			
	*	Lifting devices (including air bag systems and hydraulic rams and jacks)																			
	*	Listening Devices																			
	*	Search cameras (including thermal imaging)																			
	*	Listening devices; hearing protection																			
	*	Evacuation chairs (for evacuation of disabled personnel)																			
	*	Ventilation fans																			

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Interoperable Communications Equipment: Equipment and systems providing connectivity and electrical interoperability between local/interagency organizations to coordinate WMD response operation.	Current O/H									
	Should be O/H									
Bull Horn										
*	Commercially available crisis management software									
*	Computer systems designed for use in an integrated system to assist with detection and communication efforts (must be linked with integrated software packages designed specifically for chemical and/or biological agent detection and communication purposes)									
	Digital Camera									
	Hardwired Communications Link									
*	Land Mobile, Two-Way In-Suit Communications (secure, hands-free, fully duplex, optional)									
	Laptop Computers with Modem, CD-ROM									
	Multi-Channel Radios (Encrypted)									
*	Personnel Accountability Systems									
*	Personnel Alert Safety System (PASS) -- (location and physiological monitoring systems optional)									

Agricultural Needs Assessment - Equipment

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
Interoperable Communications Equipment: Equipment and systems providing connectivity and electrical interoperability between local/interagency organizations to coordinate WMD response operation.		Portable FAX																			
		Portable Flat Bed Scanner																			
		Portable Generators																			
		Portable Global Positioning System (GPS)																			
*		Portable Meteorological Station (monitors temperature, wind speed, wind direction, and barometric pressure at a minimum)																			
		Portable Tape Recorder																			
		Public Alert/Notification																			
*		Radio Interconnect System																			
*		Satellite Phone																			
*		Multi-Unit Battery Chargers																			
*		Single Unit Battery Charger																			
*		Battery Conditioning System																			

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Interoperable Communications Equipment: Equipment and systems providing connectivity and electrical interoperability between local/interagency organizations to coordinate WMD response operation.	Current O/H									
	Should be O/H									
Spare Batteries for communication devices	Current O/H									
	Should be O/H									
Individual Portable Radio										
Portable Repeater										
Software Radio										
Uninterruptible Power Supply (UPS)										
Video Camera										
Video Tape Recorder										
Antenna Systems										
Computer-aided dispatch system										
Mobile Display Terminals										

Agricultural Needs Assessment - Equipment

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
Detection Equipment: Equipment to sample, detect, identify, quantify, and monitor for WMD agents (Chemical, Biological, Radiological, and Explosive) and/or toxic industrial chemical contamination throughout designated areas or at specific points, and those items to support detection activities.																					
Chemical																					
	Chemical Agent Monitors																				
	Chemical Classifying Kits for unknown liquids, solids, and vapors																				
	Chemical Field Test Kits																				
*	Colorimetric tube/chip kit specific for TICs and WMD applications																				
*	Flame Ionization Detector (FID)																				
*	Gas Chromatograph/Mass Spectrometer (GC/MS)																				
*	Hazard Categorizing (HAZCAT) Kits																				
*	Ion mobility spectrometry																				
*	Leak detectors (soap solution, ammonium hydroxide, etc.)																				
*	M-18 Series chemical agent detector kit for surface/vapor chemical agent analysis																				
*	M-256 Detection Kit for chemical agent (weapons grade-blister: CX/HD/L blood: AC/CK; and nerve GBVX detection)																				

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Detection Equipment: Equipment to sample, detect, identify, quantify, and monitor for WMD agents (Chemical, Biological, Radiological, and Explosive) and/or toxic industrial chemical contamination throughout designated areas or at specific points, and those items to support detection activities.	Current O/H									
	Should be O/H									
*	M-256 Training Kit	Current O/H								
		Should be O/H								
*	M-272 chemical agent water test kit	Current O/H								
		Should be O/H								
*	M-8 Detection Paper for chemical agent identification	Current O/H								
		Should be O/H								
*	M-9 Detection Paper (roll) for chemical agent (military grade) detection	Current O/H								
		Should be O/H								
*	Multi-gas meter with minimum of O2 and LEL	Current O/H								
		Should be O/H								
	Non-intrusive Detector for WMD and TICs	Current O/H								
		Should be O/H								
*	Oxidizing paper	Current O/H								
		Should be O/H								
	PCB Test Kits	Current O/H								
		Should be O/H								
*	Stand-off chemical detector	Current O/H								
		Should be O/H								
	Pesticide Screening Kit	Current O/H								
		Should be O/H								
*	pH paper / pH meter	Current O/H								
		Should be O/H								
*	Photo-Ionization Detector (PID)	Current O/H								
		Should be O/H								

Agricultural Needs Assessment - Equipment

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
Detection Equipment: Equipment to sample, detect, identify, quantify, and monitor for WMD agents (Chemical, Biological, Radiological, and Explosive) and/or toxic industrial chemical contamination throughout designated areas or at specific points, and those items to support detection activities.										
* Stand-off chemical detector										
* Surface Acoustic Wave Detector										
* Waste water classifier										
Radiological										
* Radiation detection equipment (electronic or other technology that detects alpha, beta or gamma, and high intensity gamma)										
* Personal dosimeter										
* Scintillation Fluid (radiological) pre-packaged 4L										
* Radiation Monitors										
Radiation Pagers										
Biological										
Biological Agent Monitors										
Biological Field Test Kits										
Laboratory Analysis – ELISA System										

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
Detection Equipment: Equipment to sample, detect, identify, quantify, and monitor for WMD agents (Chemical, Biological, Radiological, and Explosive) and/or toxic industrial chemical contamination throughout designated areas or at specific points, and those items to support detection activities.																					
	Laboratory Analysis-PCR																				
*	Point detection systems/kits (immunoassay or other technology)																				
Explosive																					
*	Canines (initial acquisition, initial operational capability only)																				
Support																					
	Squirt Bottle																				
	Distilled Water																				
	Ammonia for chlorine detection																				
	Heat Sensor – Infrared																				
	Surface Thermometer																				
	Drum Thieves																				
	Grab Sampling Tubes																				
	Plastic or Brass Scoops and Trowels																				

Agricultural Needs Assessment - Equipment

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
Detection Equipment: Equipment to sample, detect, identify, quantify, and monitor for WMD agents (Chemical, Biological, Radiological, and Explosive) and/or toxic industrial chemical contamination throughout designated areas or at specific points, and those items to support detection activities.																					
	Sample Jars																				
	Glass or Plastic Pipettes with aspiration bulb																				
	Tweezers																				
	Containment Vessels																				
	Biological Automated perimeter sampling systems																				
	Biological Batch Sampling System																				
	Biological Continuous Sampling System																				
	Biological Portable air sampler																				
	Liquid Chemical Sampling/Evidence kits																				
	Solid Chemical Sampling/Evidence kits																				
	Air/Vapor Chemical Sampling/Evidence kits																				

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
Decontamination Equipment: Equipment and material used to clean, remediate, remove or mitigate chemical, biological, or radiological contamination										
5-gallon Buckets										
Backless Stools										
Boundary Marking System										
Brushes										
Casualty and Personal Property Tracking System										
Clothing Removal Devices (scissors, razor blades, etc.)										
Containment Basins – Vehicle and personnel-sized										
CW-hardened disposable Personal Property Bags										
Decontamination Corridor Ground Cover										
Decontamination Litters/roller systems										
Decontamination Applicator and available solutions for equipment										
Decontamination Applicator and available solutions for personnel										

Agricultural Needs Assessment - Equipment

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Decontamination Equipment: Equipment and material used to clean, remediate, remove or mitigate chemical, biological, or radiological contamination	Current O/H									
	Should be O/H									
Decontamination Trailer – Multi-water source and Prime Mover										
Disposable Modesty Clothing with footwear (adult and child sizes)										
Disposable Space Blankets										
Disposable Towels										
Drum Liners										
Equipment Decontamination kit										
Folding Tables										
Garden Hose with nozzles										
Hand-operated Diaphragm Pumps with hoses										
Patient Isolation Bags										
Personal Decontamination Packets or Kits										
Pressurized Sprayers										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
Decontamination Equipment: Equipment and material used to clean, remediate, remove or mitigate chemical, biological, or radiological contamination										
Sponges										
Traffic Cones and Directional Signage in multiple languages or pictographs										
Transportation and Shipping Containers for contaminated clothing and equipment										
Chemical										
*	Decontamination shower waste collection with intrinsically safe evacuation pumps									
*	Decontamination system for individual and mass application with environmental controls, water heating systems, showers, lighting, and transportation (trailer),									
*	Decon litters/roller systems									
*	Extraction litters (rollable)									
*	Non-transparent cadaver bags (CDC standard)									
*	Overpack drums									
*	Run-off containment bladder(s)									

Equipment Type		LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
		Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
Surveillance, Warning, Access/Intrusion Control											
Ground											
*	Alarm systems										
*	Barriers, fences, jersey walls										
*	Impact resistant doors and gates										
*	Vehicle identification: visual, electronic, acoustic, laser, radar										
*	Magnetometers										
*	Motion detector systems: acoustic, infrared, seismic, magnetometers										
*	Personnel identification visual: electronic, acoustic, laser, scanners, ciphers/codes										
*	Portal systems										
*	Video Assessment/Cameras: standard low light, IR, automated detection										
*	X-Ray Units										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Physical Security Enhancement Equipment										Current O/H
										Should be O/H
Waterfront										
*										
*										
*										
*										
*										
*										
Sensors – Agent/Explosives Detection										
*										
*										
*										
*										
*										

Equipment Type <u>Physical Security Enhancement Equipment</u>		LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
		Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
Inspection/Detection Systems											
*	Mobile search & inspection system--X-Ray										
*	Non-invasive radiological/chemical/biological explosives systems--pulsed neutron activation										
*	Vehicle & cargo inspection system--gamma ray										
Explosion Protection											
*	Blast/shock/impact resistant systems										
*	Column and surface wraps, breakage/shatter resistant glass, window wraps, robotic disarm/disable systems										
*	Protective clothing										
*	Robotic Disarm/Disable Systems										

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Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
<u>CBRNE Incident Response Vehicles:</u>	Current O/H									
	Should be O/H									
* Mobile command post vehicles										
* Hazardous materials (HazMat) response vehicles										
* Bomb response vehicles										
* Prime movers for equipment trailers										
* 2-wheel personal transport vehicles for transporting fully suited bomb technicians, Level A/B suited technicians to the Hot Zone										
* Multi-wheeled all terrain vehicles for transporting personnel and equipment to and from the Hot Zone										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	Current O/H									
	Should be O/H									
*	21 ga 1/2" needles (for syringes)									
	26 ga 1 1/2" needles (for syringes)									
	Alcohol Prep Pads									
	Automatic biphasic external defibrillators									
*	Bags, Biohazard									
	Bandage – Elastic (assorted sizes)									
	Bandage, Triangular									
	Bretylium Tosylate									
	Brush, Betadine									

Agricultural Needs Assessment - Equipment

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H	
		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.																				
	Betadine Applicators (Providone iodine)																				
	Biohazard Bag																				
	Bite Block																				
*	Blood Pressure Cuffs																				
	Blood Pressure Set (infant, pediatric, and adult)																				
	Blood Pressure Set – Leg (adult)																				
	Catheters (for airway)																				
	Charcoal, Activated																				
	Chest Tubes																				
*	CO ₂ Detection devices for O ₂ System																				
*	Eye lens for lavage or continuous medication																				

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
*	Gauze, all sizes																				
	Gauze, 3"																				
	Gloves – Latex (assorted sizes)																				
	Gloves – Sterile (non-latex, assorted sizes)																				
	Gowns – Isolation (Disposable)																				
	Heimlich Valve for Chest Tube																				
	Heparin Flush Kits (Buff Caps)																				
	Heparin Lock adapter																				
*	IV administration sets (macro and micro)																				
*	IV catheters (14, 16, 18, 20, and 22 gauge)																				
*	IV catheters (butterfly 22, 24, and 26 gauge)																				

Medical Supplies and Pharmaceuticals:

Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.

Agricultural Needs Assessment - Equipment

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H		Current O/H	
		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H		Should be O/H	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.	IV Extention Set																			
		IV Pressure Infusion Bag 1000cc (Disposable)																			
		IV Set – Butterfly																			
		Laryngoscope Blade (assorted sizes) – Miller and Macintosh																			
		Laryngoscope Handle																			
*		Manual biphasic defibrillators																			
*		Morgan eye shields																			
*		Nasal cannula																			
*		Nasogastric tubes																			
		Nasopharyngeal Airway (assorted sizes)																			
		Nebulizer – Handheld																			
		Needle (assorted gauges)																			

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.																				
	Needle – Intraosseous																				
	Obstetrical Kit																				
*	Oropharyngeal Airway (assorted sizes)																				
	Otoscope/Ophthalmoscope																				
*	Oxygen “Y” Yoke																				
*	Oxygen Cylinder – “E”, “M”																				
*	Oxygen Mask – Non-rebreather (adult, pediatric)																				
*	Oxygen Regulator – “E”, “M”																				
*	Oxygen Tank Wrench																				
*	Oxygen Tubing – High Press (50” and 100”, male/female connector)																				
	Pack – Thomas																				
*	Portable ventilators																				

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Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.		Suture Kit – Laceration Tray																			
		Suture Kite – Wound																			
		Suture (assorted kinds and sizes)																			
	*	Syringes (3cc and 10cc)																			
		Syringe – Tubex Injector Device																			
		Tape – Adhesive (assorted sizes)																			
		Tape – Cloth (assorted sizes)																			
		Telfa Adhesive Pad																			
		Tongue Depressor																			
		Tourniquet – Disposable																			
	*	Triage Tags and Tarps																			
	*	Veniflow Manifold																			

Agricultural Needs Assessment - Equipment

Equipment Type		LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
		Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.											
Medical Equipment											
	Backboard - Disposable										
*	Bag Valve Mask – Disposable (adult & pediatric rescue)										
	Bags – Victim Possession (25/case)										
	Bags - Biohazard										
	Bags – Body (heavy-duty)										
	Battery Tester – 12 volt										
	Batteries (assorted sizes)										
	Bed sheets – Disposable										
	Biohazard Bag										
	Blanket – Disposable Emergency										
	Bleach – 5%										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.										Current O/H
										Should be O/H
Debridement Kits										
Defibrillator with 12-lead ECG adapter										
Defibrillator – AC auxiliary power supply										
Defibrillator Battery Support System										
Defibrillator External Pediatric Paddle										
Defibrillator/Monitor/Pacemaker										
Digital Thermometer										
Dressing – Adhesive (Sterile)										
Dressing – Sterile (assorted sizes)										
*										
Endotracheal Tube – Adult & pediatric										
*										
Endotracheal Tube Stylette – Adult & pediatric										
Faceshield - Chemical										

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.																					
	Electrolyte Replacement Fluid																				
	Disposable Wipes																				
	Sheets - Disposable																				
	Towels – Cotton (disposable)																				
Pharmaceuticals																					
*	2Pam Chloride																				
*	Adenosine 5 gm																				
*	Adenosine 25 gm																				
*	Adenosine 10 gm																				
*	Albuterol sulfate .083% - INJ 3 ml 25s UD																				
*	Albuterol MDI 3 ml																				
	Amyl Nitrite																				
*	Atropine Sulfate - Vial 0.4 mg/ml 1 ml 25s																				

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.										Current O/H
										Should be O/H
										Current O/H
										Should be O/H
										Current O/H
										Should be O/H
										Current O/H
										Should be O/H
										Current O/H
										Should be O/H
										Current O/H
										Should be O/H
										Current O/H
										Should be O/H
										Current O/H
										Should be O/H
*										Atropine Sulfate - Vial 0.4 mg/ml 1 ml 100s
*										Atropine Auto Injectors
										Atrovent
										Bactrim
										Benzathine penicillin
*										Benadryl – Vial 50 mg/ml 1 ml 10s
*										CANA Auto Injectors
*										Calcium Chloride – Vial 100 mg/ml 10 ml 10s
*										Calcium Gluconate – vial 100 mg/ml 10 ml 10s
*										Ciprofloxin TAB 250 mg 100s
*										Ciprofloxin TAB 500 mg 100s
*										Ciprofloxin TAB 750 mg 100s

Agricultural Needs Assessment - Equipment

Equipment Type		LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.		Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H	Current O/H
		Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H
	*	Cyanide Antidote Kits									
		Diazepam, 10mg vial for injection									
		Digoxin									
		Diphenhydramine									
	*	Dextrose INJ 5% 100 ml 25s									
	*	Dextrose INJ 10% 500 ml									
	*	Dopamine Hydrochloride - Vial 40 mg/ml 5 ml 25s									
		Doxicillin									
	*	Doxycycline - TAB 100 mg 500s									
	*	Epinephrine 1:1,000 1 mg/ml 30cc syringe									
	*	Epinephrine 1:10,000 2 lg syringe									
		Fortaz (Ceftazidime)									

Equipment Type		LE		EMS		EMA		FS		HZ		PW		GA		PSC		HC		PH	
		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H		Current O/H		Should be O/H	
	Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.																				
	Fosphenytoin																				
*	Glucagon – PDI, IJ 1mg																				
	Haloperidol																				
	Hydroxocobalamin																				
*	Iodine - 5% sol 500 ml																				
	KI (Potassium Iodide)																				
	Lactated Ringers Solution																				
*	Lasix TAB 20 mg 100s																				
*	Lasix TAB 40 mg 100s																				
*	Lasix TAB 80 mg 50s																				
*	Lidocaine Vial 0.5% 50 ml 25s																				
*	Lidocaine Vial 1% 50 ml 25s																				

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		Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	Should be O/H	
	*	Loperamide – CAP 2 mg 100s										
	*	Magnesium Sulfate – INJ 500 mg/ml 2 ml 100s										
		Mark 1 Auto-Injector										
	*	Methylprednisolone 4 mg BH/2 lg										
		Morphine Sulfate										
	*	Narcan – INJ 10 mg/ml 1 ml 10s										
		Nifedipine										
	*	Nitroglycerin - CER 2.5 mg 100s										
		Nitroglycerin for injection										
	*	Normal Saline – INJ 0.9% 10 ml										
	*	Nubain – INJ 10 mg/ml 10 ml										
		PCN/Bezathine										

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Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.										Current O/H
										Should be O/H
Phenytoin										
Polysporin Ointment										
Potassium Chloride										
Potassium Iodide tablet										
Pralidoxime Chloride – (2-PAM/Protopam)										
Procardia (Nifedipine)										
Rifampin capsule										
Saline										
* Silver Sulfadiazine – CRE 1% 400 gm										
* Sodium Bicarbonate – INJ 7.5% 50 ml 10s										
Solu-Medrol (Methylpred)										
* Sterile Water – 1000 ml USP										

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Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.		Current O/H								
		Should be O/H								
Streptomycin										
Tenormin (Atenolol)										
* Tertracaine POW 100 gm										
Theophylline										
* Thiamine INJ 100 mg/ml 1 ml 10s										
Toradol (Ketorolac)										
* Valium vial 5 mg/ml 10 ml										
Vanceril (Beclomethasone)										
* Verapamil vial 2.5 mg/ml 4 ml 10s										

Equipment Type	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H	Current O/H	Should be O/H
Medical Supplies and Pharmaceuticals: Materials, treatments, equipment, and items to treat contaminated emergency personnel and endangered casualties. This listing is only a recommendation and specific pharmaceutical selections should be coordinated and approved by the medical authority in the jurisdiction adopting their usage.										

Priority for Procurement

AGRICULTURAL TECHNICAL ASSISTANCE – EQUIPMENT

This worksheet should be completed in conjunction with Section 8: “Technical Assistance Input – Equipment” on page 119 of the Jurisdiction Handbook

- Step 1** Select the TA that would benefit your jurisdiction or describe the specific assistance desired in the “Other Technical Assistance Description” text box provided. If the “Other Technical Assistance Description” text box is used, it will be important that the jurisdiction fully describe the assistance desired.
- Step 2** Determine what disciplines will require the selected TA.
- Step 3** Project the frequency of TA deliveries desired by the jurisdiction. Use the drop down menu to select one of the following: (once/six months, annually, once/two-years, once/three-years, once/four-years, once/five-years).

Type of Agricultural Technical Assistance		
<input type="checkbox"/>	Maintenance and Calibration for Specific Equipment	
<input type="checkbox"/>	Use of Chemical Protective Clothing	
<input type="checkbox"/>	Use of Equipment	
<input type="checkbox"/>	Establish Standardized Equipment Lists	
<input type="checkbox"/>	Identifying Interoperability Needs	
<input type="checkbox"/>	Other Technical Assistance Description	
Participating Disciplines		<input type="checkbox"/> Law Enforcement (LE) <input type="checkbox"/> Emergency Medical Services (EMS) <input type="checkbox"/> Emergency Management (EMA) <input type="checkbox"/> Fire Service (FS) <input type="checkbox"/> HazMat (HZ) <input type="checkbox"/> Public Works (PW) <input type="checkbox"/> Governmental Administrative (GA) <input type="checkbox"/> Public Safety Communications (PSC) <input type="checkbox"/> Healthcare (HC) <input type="checkbox"/> Public Health (PH)
Frequency of Delivery		

AGRICULTURAL RESEARCH AND DEVELOPMENT

This worksheet should be completed in conjunction with Section 8: “Agricultural Research and Development (R&D)” on page 121 of the Jurisdiction Handbook

To ensure existing agricultural R&D needs are addressed, jurisdictions are asked to respond to the following survey to address technology shortfalls requiring research and development.

The jurisdiction should consider their list of agricultural potential targets developed during the agricultural vulnerability assessment. From the information collected, identify the capabilities your emergency responders most urgently need. Do not identify deficiencies caused from the lack of currently available equipment, but rather shortfalls caused because there is no effective product or technology available. The following are examples of needed capabilities:

- The capability to quickly, and from a safe distance, detect explosives contained within vehicles prior to entering a tunnel.
- The capability to perform real-time detection, identification, and measurement of all biological agents.

TECHNOLOGY NEEDS STATEMENT

Comment on capability shortfalls those found during the equipment assessment process. Remember, R&D does not cover personnel shortfalls.

The next portion of this section deals with jurisdiction recommendations for funding allocations at the federal level to existing R&D currently under way. Using the table below review all R&D efforts and determine those your jurisdiction would fund before others by distributing a percentage of effort to those selected. Your selection should add up to no more than a total of 100%. It is not necessary to address all R&D efforts. Only those agricultural R&D efforts your jurisdiction deems worthy of funding need be selected.

AGRICULTURAL R&D FUNDING RECOMMENDATIONS

Personal Protective Equipment (PPE)	
Personal Protection	
Decontamination	
Collective Protection	
Physical Security	
Detection, Identification, and Measurement of Chemical Agents	
Detection and Measurement of Radiological Agents	
Detection, Identification, and Measurement of Biological Agents	
Recognition and Characterization of Covert Biological Agents	
Explosive Detection	
CBR Device Disablement and Disposal	
Modeling, Simulation, and Information Management Tools	
Tactical Operations Support	
Improvised Device Defeat	
Search and Rescue	
Medical Therapeutics and Vaccines	
Psychological Effects	
Other:	
Other:	
Total Percent Allocated	

AGRICULTURAL NEEDS ASSESSMENT – TRAINING

This worksheet should be completed in conjunction with Section 8: “Agricultural Status of Training” on page 127 of the Jurisdiction Handbook

- Step 1** For each emergency response discipline, the jurisdiction should enter the total number of response personnel who may respond to agricultural incidents. This number should represent only emergency response personnel that reside within the jurisdiction.
- Step 2** The jurisdiction should next list the number of emergency responders that should be trained to the particular WMD training level for response to agricultural incidents.
- Step 3** The jurisdiction should next enter the total number of emergency responders within the discipline who may respond to an agricultural incident that are currently trained at the WMD training level.
- Step 4** The final step is to calculate number of emergency responders who are not WMD trained to the desired level needed to respond to an agricultural incident.

	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH
Total Number of Personnel in Discipline										
Awareness										
Number of Personnel who should be WMD trained										
Number WMD Trained										
Number <u>Not</u> WMD Training										
Performance (Defensive)										
Number of Personnel who should be WMD trained										
Number WMD Trained										
Number <u>Not</u> WMD Trained										
Performance (Offensive)										
Number of Personnel who should be WMD trained										
Number WMD Trained										
Number <u>Not</u> WMD Trained										
Planning/Management										
Number of Personnel who should be WMD trained										
Number WMD Trained										
Number <u>Not</u> WMD Trained										

AGRICULTURAL EMERGENCY TRAINING LOCATIONS OR VENUES

This worksheet should be completed in conjunction with Section 8: “Agricultural Status of Training” on page 127 of the Jurisdiction Handbook

The next step in the data entry process is to report those jurisdiction locations and venues where training for emergency responders is currently conducted.

In this section the jurisdiction working group should perform the following tasks:

- Enter the specific location name for each training location or venue located in the jurisdiction.
- Indicate those disciplines that can receive WMD training from these locations or venues.

List only those facilities that the jurisdiction utilizes as training locations or venues. State training locations should not be listed.

Jurisdiction Location or Venue Name	Disciplines Trained									
	LE	EMS	EMA	FS	HZ	PW	GA	PSC	HC	PH

AGRICULTURAL TECHNICAL ASSISTANCE – TRAINING

This worksheet should be completed in conjunction with Section 8: “Technical Assistance Input – Training” on page 131 of the Jurisdiction Handbook

Step 1 Select the TA that would benefit your jurisdiction or describe the specific assistance desired in the “Other Technical Assistance Description” text box provided. If the “Other Technical Assistance Description” text box is used, it will be important that the jurisdiction fully describe the assistance desired.

Step 2 Determine what disciplines will require the selected TA.

Step 3 Project the frequency of TA deliveries desired by the jurisdiction. Use the drop down menu to select one of the following: (once/six months, annually, once/two-years, once/three-years, once/four-years, once/five-years).

Type of Agricultural Technical Assistance		
<input type="checkbox"/>	Develop/Update Emergency Operations Plan	
<input type="checkbox"/>	Develop/Update Response Protocols	
<input type="checkbox"/>	Develop/Update Agricultural Terrorism Incident Annex	
<input type="checkbox"/>	Facilitation of Agricultural Working Group	
<input type="checkbox"/>	Other Technical Assistance Description	
Participating Disciplines		<input type="checkbox"/> Law Enforcement (LE) <input type="checkbox"/> Emergency Medical Services (EMS) <input type="checkbox"/> Emergency Management (EMA) <input type="checkbox"/> Fire Service (FS) <input type="checkbox"/> HazMat (HZ) <input type="checkbox"/> Public Works (PW) <input type="checkbox"/> Governmental Administrative (GA) <input type="checkbox"/> Public Safety Communications (PSC) <input type="checkbox"/> Healthcare (HC) <input type="checkbox"/> Public Health (PH)
Frequency of Delivery		

AGRICULTURAL NEEDS ASSESSMENT – REQUIRED EXERCISES

This worksheet should be completed in conjunction with Section 8: “Needs Assessment – Agricultural Exercises” on page 132 of the Jurisdiction Handbook

- Step 1** Enter the type of exercise required by the jurisdiction using the jurisdictions agricultural planning factors.
- Step 2** Enter the approximate number of participants expected to take part in the agricultural exercise.
- Step 3** Estimate a total cost associated with the execution of the agricultural exercise.
- Step 4** Determine the frequency of jurisdiction agricultural exercises required.
- Step 5** Determine what disciplines will participate in the required agricultural exercise. If other disciplines are to participate, enter them using the “Other” category and describe in the comments section.
- Step 6** Determine the scope of participation for the jurisdiction. If the exercise scope will incorporate additional jurisdictions, list those jurisdictions who will participate.

Required Exercises	
Required Exercise	
Number of Participants	
Total Estimated Cost	
Exercise Frequency	<input type="checkbox"/> Quarterly <input type="checkbox"/> Biannual <input type="checkbox"/> Annual <input type="checkbox"/> Other _____
Participating Disciplines	<input type="checkbox"/> Law Enforcement (LE) <input type="checkbox"/> Emergency Medical Services (EMS) <input type="checkbox"/> Emergency Management (EMA) <input type="checkbox"/> Fire Service (FS) <input type="checkbox"/> HazMat (HZ) <input type="checkbox"/> Public Works (PW) <input type="checkbox"/> Governmental Administrative (GA) <input type="checkbox"/> Public Safety Communications (PSC) <input type="checkbox"/> Healthcare (HC) <input type="checkbox"/> Public Health (PH) <input type="checkbox"/> Other (Describe in comments)
Other Discipline Comments	
Scope of Participation	<input type="checkbox"/> Local <input type="checkbox"/> Mutual Aid <input type="checkbox"/> Regional <input type="checkbox"/> State
Jurisdiction Participation (List only if scope was designated as “mutual aid,” “regional,” or “state”)	

AGRICULTURAL CURRENT CAPABILITIES – PLANNED EXERCISES

This worksheet should be completed in conjunction with Section 8: “Current Capabilities – Planned Agricultural Exercises” on page 137 of the Jurisdiction Handbook.

- Step 1** Indicate the type of agricultural exercise planned by the jurisdiction.
- Step 2** Enter the CBRNE hazard to be used during the planned agricultural exercise.
- Step 3** Project the number of participants expected to participate in the agricultural exercise.
- Step 4** Estimate a total cost associated with the planned agricultural exercise.
- Step 5** Determine the frequency of jurisdiction agricultural exercises planned.
- Step 6** A designated target date for planned exercises.
- Step 7** Determine what disciplines will participate in the planned agricultural exercise. If other disciplines will participate, enter them using the “Other” category and describe in the comments section.
- Step 8** Determine the scope of participation for the jurisdiction. If the exercise scope will incorporate additional jurisdictions, list those jurisdictions who will participate.

Planned Exercises	
Type of Exercise	
Hazard (CBRNE)	
Number of Participants	
Total Estimated Cost	
Projected Date	
Exercise Frequency	<input type="checkbox"/> Quarterly <input type="checkbox"/> Biannual <input type="checkbox"/> Annual <input type="checkbox"/> Other _____
Participating Disciplines	<input type="checkbox"/> Law Enforcement
	<input type="checkbox"/> Emergency Medical Services
	<input type="checkbox"/> Emergency Management
	<input type="checkbox"/> Fire Service
	<input type="checkbox"/> HazMat
	<input type="checkbox"/> Public Works
	<input type="checkbox"/> Governmental Administrative
	<input type="checkbox"/> Public Safety Communications
	<input type="checkbox"/> Healthcare
	<input type="checkbox"/> Public Health
	<input type="checkbox"/> Other (Describe in comments)
Other Discipline Comments	
Scope of Participation	<input type="checkbox"/> Local <input type="checkbox"/> Mutual Aid <input type="checkbox"/> Regional <input type="checkbox"/> State
Jurisdiction Participation (List only if scope was designated as “mutual aid”, “regional”, or “state”)	

AGRICULTURAL TECHNICAL ASSISTANCE – EXERCISES

This worksheet should be completed in conjunction with Section 8: “Technical Assistance Input – Exercises” on page 140 of the Jurisdiction Handbook

- Step 1** Select the TA that would benefit your jurisdiction or describe the specific assistance desired in the “Other Technical Assistance Description” text box provided. If the “Other Technical Assistance Description” text box is used, it will be important that the jurisdiction fully describe the assistance desired.
- Step 2** Determine what disciplines will require the selected TA.
- Step 3** Project the frequency of TA deliveries desired by the jurisdiction. Use the drop down menu to select one of the following: (once/six months, annually, once/two-years, once/three-years, once/four-years, once/five-years).

Type of Agricultural Technical Assistance		
<input type="checkbox"/>	Exercise Planning	
<input type="checkbox"/>	Exercise Program Design and Development	
<input type="checkbox"/>	Exercise Evaluation	
<input type="checkbox"/>	Other Technical Assistance Description	
Participating Disciplines		<input type="checkbox"/> Law Enforcement (LE)
		<input type="checkbox"/> Emergency Medical Services (EMS)
		<input type="checkbox"/> Emergency Management (EMA)
		<input type="checkbox"/> Fire Service (FS)
		<input type="checkbox"/> HazMat (HZ)
		<input type="checkbox"/> Public Works (PW)
		<input type="checkbox"/> Governmental Administrative (GA)
		<input type="checkbox"/> Public Safety Communications (PSC)
		<input type="checkbox"/> Healthcare (HC)
		<input type="checkbox"/> Public Health (PH)
Frequency of Delivery		

AGRICULTURAL RECOMMENDATIONS

This worksheet should be completed in conjunction with Section 9: “Agricultural Recommendations” on page 145 of the Jurisdiction Handbook

This is the last section of the agricultural assessment. During this portion of the on-line process the agricultural working group is asked to submit recommendations to both the State and ODP regarding improvements to the agricultural assessment process. Input from the jurisdiction regarding cooperative activities that should be implemented, enhanced, or changed to assist the domestic preparedness efforts in the jurisdiction would be helpful. Specific recommendations and suggestions should include those that will assist ODP with its planning, organization, equipment, training, exercise, and TA programs.

STATE AGRICULTURAL RECOMMENDATIONS

Note: Record agricultural recommendations with supporting justification below. Your recommendation should be less than 4000 characters.